



REVIEWED: THE MAC PRO—APPLE'S LETHAL NEW POWER TOWER

123
NOV
2006

MacAddict

A BETTER MACHINE. A BETTER MAGAZINE.



SOFTWARE SECRETS

Our Experts Reveal Their Favorite Power Tips



➔ **Microsoft Word**
Make Word Your Obedient Slave



➔ **Adobe CS2**
Design Art and Images Like a Pro



➔ **Networking and Wi-Fi**
Cure All Your Home-Network Woes



➔ **Microsoft Excel**
Get a Handle on Your Finances



➔ **Windows on Your Mac**
Get Up and Running Today

WEB 2.0

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REVIEWED: STYLUS 720 SW CAMERA ➔

➔ LaCie Skwarim Drive
➔ FileMaker Pro 8.5
...and 13 more



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➔ **Control Your Mac Remotely—for Free**
➔ **Harness Preview's Hidden Features**

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by **Niko Coucouvanis**

The perfect combination of creativity and technology.

(Don't you love it when everything comes together?)



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We can't wait to upgrade our home entertainment setups to include Apple's newest toys—but our credit cards sure can.

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Get the inside scoop on all the news from Apple: new, more powerful iMacs; the iTunes Music Store dropping the word Music from its name and selling movies; the iPod line's refresh; and iTunes moving up to version 7 and adding potent new powers, including the way-cool Cover Flow view.

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Birthday wishes, a tasty mod, a Gumby dock, and a farting electrician. No, that's not a typo.



79 Contest

Hey, audiophiles! Get your paws on one of our best-sounding prizes ever: Shure's E500PTH Sound Isolating Earphones.

80 Shut Down

Of course, Leopard's Time Machine app won't *really* be able to turn back time any more than Cher can—but what if it could?

QUICK TIPS

FROM THIS MONTH'S ISSUE

➔ COUPLED PAIRS

According to Apple, you get better performance when you add Mac Pro RAM in coupled pairs. For example, if you want to install 2GB of RAM, you should use four 512MB FB-DIMMs. Install a pair in the first bank of the top riser card, and install another pair in the first bank of the bottom riser card. **From *Reviews*, p38.**

➔ IF YOU FORGET, RESET

You could play IP-address roulette all day, trying to remember or guess how to get at your broadband router's configuration pages—hit the reset button instead and use the default IP address to access it and reconfigure your settings. **From "Secure Your Home with a Network Cam," p62.**

➔ PC NOT REQUIRED

Much of the coolest networking gear isn't advertised as Mac-compatible, but almost any broadband router and many network cameras (such as Hawking Technologies' NetVision line) have onboard configuration software that works just fine with a Mac. **From "Secure Your Home with a Network Cam," p62.**

➔ COUNTER ATTACK

When it comes to Age of Empires III, you need to know what units counter best: Heavy infantry counters heavy cavalry; heavy cavalry counters artillery and light infantry; light infantry counters heavy infantry and light cavalry. **From *Games*, p59.**

the disc

Our Disc editors got a little carried away this month—they've stuffed this month's shiny silver silver coaster with a full 103 items: apps, demos, freeware, shareware, and more. From the file-renaming convenience of A Better Finder Rename to the Flash-development powers of Zinc, we're got enough nerdy nuggets to keep you glued to your keyboard for days.

Traktor DJ Studio

demo

If you've ever wanted to play digital DJ, this pro-level—yet easy to use—mixer has all the tricks you need.



Chicken of the VNC

freeware

On page 68 we show you how to control a Mac remotely with VNC; here's the software you need.



Mellel

demo

Not all word processors are created equal—this stylish powerhouse, for example, is a cut above the rest.



AUDIO & MUSIC

Audio Hijack Pro 2.7 *demo*
 dJay 1.1.1 *freeware*
 Edirol R-09 *demo video*
 FuzzMeasure Pro 2.0.8 *demo*
 iFill 1.1.0 *demo*
 iRecordMusic 1.5 *demo*
 iTunes Catalog 2.1 *trial*
 netTunes 1.1 *trial*
 Sound Byte 3.1.0 *shareware*
 Traktor DJ Studio 3.1 *demo*
 Voice Candy 1.1 *trial*

DEVELOPMENT

F-Script 1.3.4 *freeware*
 Zinc 2.5.0.14 *trial*

FUN & GAMES

3D Hearts Deluxe 7.3 *trial*
 And Round Again 1.0.2 *shareware*
 Artack 1.0 *trial*
 Dylo's Adventure 1.0 *demo*
 iConquer 2.4.1 *trial*
 MacSudoku *trial*
 Mudcraft 1.0.1 *shareware*
 Rage of Magic II *demo*
 Rainbow Web 1.0 *demo*
 Recycle 1.0 *demo*
 Spelling Challenger 1.1 *shareware*
 Spinnn *trial*
 UniSudoku 1.5 *trial*
 Wordsmith 1.4 *demo*

GRAPHICS & MULTIMEDIA

Image Tricks 2.3 *trial*
 iStopMotion 1.10.1 *demo*
 Lineform 1.1 *demo*
 PatternPrint 1 for Illustrator *demo*
 PhotoPresenter 2.5.6 *demo*
 PhotoReviewer 2.1 *shareware*
 PhotoZoom Pro 2.1 *trial*
 Shoebox 1.6.1 *trial*
 Swift Publisher 1.3 *trial*
 Ultimate Productivity Action Pack 1.0 *trial*

UPGRADE

If you don't receive the Disc with your copy of MacAddict, you might want to consider upgrading. Each monthly Disc contains cool demos, useful shareware and freeware, and an assortment of multimedia goodies. To get 12 issues of MacAddict that include this value-packed Disc with your subscription (prorated if necessary) for just \$1 more per issue, call 888-771-6222—the operator will take care of everything.

INTERFACE

A Better Finder Rename 7.4 *shareware*
 Default Folder X 3.0.2 *trial*
 Fracture 1.3 *shareware*
 Menu Master 1.4.1 *demo*
 Menufela 1.0 *shareware*
 Mouseposé 2.0.1 *trial*
 Save Hollywood 1.8.1 *beta*
 Xounds 2.4 *demo*

INTERNET & COMMUNICATION

Advanced Web Ranking 4.7.1 *trial*
 Bonjour Browser 1.5.6 *freeware*
 Chicken of the VNC 2.0b4 *freeware*
 GarageSale 2.4.4 *trial*
 KeyCamX 2.1.1 *trial*
 launch2net 1.3.9 *demo*
 MacStumbler 0.75b *freeware*
 MailTags 1.2.2 *shareware*
 MuchoThumbs Pro 3.3 *beta*
 OmniWeb 5.1.3 *trial*
 Pando 0.9.0.4 *beta*
 PC-Mac-Net FileShare Lite 6.1.4 *freeware*
 RSSReplay 1.1 *trial*
 Sandvox 1.0.4 *trial*
 SiteTagger 3.1.1 *demo*
 SpamSweep 1.4.1 *shareware*
 Style Master 4.5.1 *demo*
 Transmit 3.5.4 *trial*
 TubeSock 1.0.1 *demo*

MEDIA

Edirol R-09 *demo video*
 TechRestore mini Madness *video*

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Curio 3.2.1 *trial*
 EnzymeX 3.1 *freeware*
 Graph Paper Maker 1.1.0 *shareware*
 iClip lite 2 *freeware*
 iUnit 3.3 *shareware*
 Keep It Together 1.2.2 *trial*
 MacJournal 4.0.4 *trial*
 Mellel 2.1 *demo*
 Montage 1.0 *trial*

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OmniGraffle 4.1.2 *trial*
 OmniOutliner 3.6.1 *demo*
 PDFpen 2.4 *demo*
 SQLite Manager 2.1.2 *trial*
 TaskTime4 4.1.9 *trial*
 TextExpander 1.4.1 *demo*
 TextMate 1.5.3 *trial*
 Typinator 1.4.1 *shareware*
 WriteRoom 1.0 *freeware*

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Alarm Clock Pro 7.8.4 *shareware*
 Amnesty Singles 1.1 *trial*
 BetterZip 1.2 *trial*
 BurnAgain 2.5 *trial*
 CDFinder 4.6.1 *trial*
 ChronoSync 3.3 *demo*
 DiskTracker 2.3.3 (Classic) *shareware*
 DiskTracker 2.3.3 (Mac OS X) *shareware*
 Local Weather 1.1.0.9 *freeware*
 Mac Pilot 2.1.0 *shareware*
 PDF Shrink 4.0 *demo*
 PopChar X 3.0 *shareware*
 Proxi 1.2 *demo*
 rooSwitch 1.0.3 *trial*
 Rubbish 1.3.1 *shareware*
 SlimBatteryMonitor 1.4 *freeware*
 StartupSound.PrefPane 1.1b *beta*
 SuperDuper 2.1.3 *trial*
 TechRestore mini Madness *video*
 VelaClock 1.9 *demo*

SPONSORS

3D Hearts Deluxe 7.3 *trial*
 Edirol R-09 *demo video*
 iFill 1.1.0 *demo*
 OmniGraffle 4.1.2 *trial*
 OmniOutliner 3.6.1 *demo*
 OmniWeb 5.1.3 *trial*
 Proxi 1.2 *demo*
 TechRestore mini Madness *video*

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EDITORIAL

EDITOR IN CHIEF **Rik Myslowski**
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 GROUP CREATIVE DIRECTOR **Dan Fitzpatrick**
 PHOTOGRAPHER **Mark Madoo**
 CONTRIBUTING PHOTOGRAPHER **Samantha Berg**

BUSINESS

ASSOCIATE PUBLISHER **Stacey Levy, 925-964-1205**
 SOUTHWESTERN ADVERTISING DIRECTOR
Dave Lynn, 949-360-4443
 EASTERN ADVERTISING DIRECTOR
Anthony Danzi, 646-723-5453
 EASTERN ACCOUNT EXECUTIVE
Larry Presser, 646-723-5459
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Isaac Ugay, 562-983-8018
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 DIRECT MARKETING SPECIALIST **Janet Amistoso**

FUTURE US, INC.

4000 Shoreline Court, Suite 400, South San Francisco, CA 94080
 www.futureus-inc.com
 PRESIDENT **Jonathan Simpson-Bint**
 VICE PRESIDENT/COO **Tom Valentino**
 VICE PRESIDENT/CIRCULATION **Holly Ktinger**
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FUTURE PLC

30 Monmouth St., Bath, Avon, BA1 2BW, England
 www.futureplc.com
 Tel +44 1225 442244
 NON-EXECUTIVE CHAIRMAN **Roger Parry**
 CHIEF EXECUTIVE **Stevie Spring**
 GROUP FINANCE DIRECTOR **John Bowman**
 Tel +44 1225 442244 www.futureplc.com

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Count Me In—Someday



Surprising no one in attendance at an invitation-only event on September 12, Steve Jobs announced that Apple would offer full-length feature films on the iTunes Store. Surprising many was the pricing structure: \$12.99 per film when preordered and during the first week of its availability (movies are released the same day as the DVD), and \$14.99 thereafter; older “library” titles sell for \$9.99. Surprising

some was the rare “sneak peek” at a device code-named iTV that, when released in the first quarter of next year, will connect your Mac-based digital-media collection to your flat-screen TV and stereo system.

The long-awaited other shoe has finally dropped into your home entertainment center. Now you can enjoy the convenience of online video and film shopping; store and manage all your digital entertainment on your Mac; watch videos, films, and enhanced podcasts on your big-screen TV; and listen to your tunes on your first-class sound system.

Well, maybe *you* can—but I can't. For me (and, I assume, for many of you, as well), there are a few barriers to entry into this brave new world.

The first appeared when I tried to download my first feature film and was informed by iTunes that I didn't have enough room on my media partition for a 1.25GB copy of *O Brother, Where Art Thou?* After some content rearranging, I began downloading the Cohen brothers' genius over my 1.2Mbps DSL line. A couple of hours later, the download was complete—so much for instant gratification. And the big-screen TV? Even when the iTV device appears early next year, it won't help me—my low-rent boob tube has neither the HDMI nor the component-video ports the iTV requires.

So, to fully participate in the Great Digital Convergence, I need a faster (and more expensive) Internet connection, a larger (and more expensive) hard drive, a better (and more expensive) television, and a (just plain expensive) \$299 iTV device.

I'm not sharing this litany of woe and penury simply as an exercise in cathartic self-pity. (Well, maybe a little...) It's more to remind you that the switchover from DVDs to downloadable films isn't going to be as rapid and pain-free as the move from CDs to well-stocked iTunes collections. It will happen; that's a given. But many—most?—of us are multiple credit-card payments away.

Enjoy,

coming soon: December 2006

Here's what our editors are preparing for the next issue of *MacAddict*.

Just in time for the kickoff of the holiday shopping frenzy, we'll bring you our **Gear of the Year** collection of the **best products of 2006**—including ones that can save you a pot of cash. We'll also surprise you with the **10 things you didn't know your Mac could do**. Then we'll show you the easy way to make cool **stop-motion videos** and how to fix those funny-looking **camera-phone photos**, and we'll provide some tips for **managing your burgeoning iTunes library**. Our *Reviews* section will be an Apple love-fest: We'll take close looks at the new **iPod**, **iPod nano**, **iMacs**, **Mac mini**, and the **Nike + iPod Sport Kit**. We'll also have a li'l **iPod speaker stand roundup** and review Lego's **Mindstorms NXT**, **Quicken 2007 for Mac**, and more.

STAFF RANTS

Q. What would it take for you to switch from DVDs to downloadable movies?



Niko Coucouvanis FORMER CHILD STAR...WELL, EXTRA
What would it take for you to switch from DVDs to downloadable movies?

When Apple realizes the mind-bending genius of *Down Time* (2001, Artisan Entertainment)—featuring yours truly, by the way—and adds it to the iTunes Store lineup, I'll install a high-speed T1 line straight to my desktop, just for movie downloads.



Susie Ochs DON'T FENCE ME IN
What would it take for you to switch from DVDs to downloadable movies?

I'm waiting for a portable storage device that can easily hook to any TV, not just new high-end sets. Especially if it has a slot-loading DVD drive as well, so I don't have to replace my entire film library with a new format...again.



Roman Loyola SAVING THE AISLE SEATS
What would it take for you to switch from DVDs to downloadable movies?

As soon as I finish my 10-seat iPod home-theater room, I'm switching. As soon as I figure out how to gather 10 chairs around my iPod's tiny screen, I'm set.



Mark Rosenthal EX-TROY BOLTON FAN CLUB MEMBER
What would it take for you to switch from DVDs to downloadable movies?

Right now, if I don't feel like watching *High School Musical* with the kids (for the five-thousandth time), I can merely tell them that its been checked out from the video store; that way I don't get arguments, just tears. At the iTunes Store, if a parent-triggered screen could pop up and say, “Sorry, your choice is not available,” I'd be happy to switch.



Peter Marshutz CHEAP
What would it take for you to switch from DVDs to downloadable movies?

How about \$299? I have three—count 'em, three—DVD players at home right now, so I don't really need another way to watch a movie. But when they all stop working I may buy an iTV instead of a new DVD player.



Max CINÉASTE
What would it take for you to switch from DVDs to downloadable movies?

When Apple makes it as easy for independent filmmakers to distribute their films on the iTunes Store (accompanied by viewer reviews) as it currently does for podcasters looking to distribute their inchoate ramblings, I'll be all over movie downloads. Any distribution scheme that would give us an alternative to Hollywood twaddle would be a Nobel Prize-worthy contribution to civilization.

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Ma and Pa iPod are so proud of li'l Junior.

REASONS TO BE JOLLY

Apple rolls out new iPods, iMacs, and movies on iTunes—just in time for the holiday shopping season.

September was a big month for Apple, with several new product announcements to satisfy the dedicated Mac addict—and entice even more new users into the fold. Break out that credit card; it's time to start your holiday shopping.

iPod. Apple's iPod is at a crossroads. The iPod numbers are strong—Apple says that iPods own 75.6 percent of the U.S. MP3-player market, and over 60 million iPods have been sold. But over the last three fiscal quarters, sales decreased from quarter to quarter. Then there was the general not-so-rosy iPod-related news, such as the iPod nano

case's extreme scratchability, and the controversy about iPod manufacturing conditions in China. Plus, Apple faces potentially stiff competition from the upcoming Zune, Microsoft's digital music player. Apple wants a big holiday shopping season to reinforce its 'Pod power. Our prediction: It's going to get just that.

The new top-of-the-line iPod comes in 30GB (\$249) and 80GB (\$349) capacities; it looks like the previous fifth-generation model, but with three major hardware improvements. Apple says its LCD is now

60 percent brighter, and battery life has been extended—from 2 to 3.5 hours on the 30GB iPod, and from 4 to 6.5 hours on the 80GB iPod when watching videos. A change that's easily overlooked is the redesigned earbuds, which we found to be more comfortable and noticeably better sounding—after five generations of earbuds, it's about time they were upgraded. Bonus: Those annoying foam “ear booties” are now history.

If you're pushing the limits of your iPod's storage, you'll like the new—and exceptionally easy to use—keyword-search feature and the faster scrolling that uses a large white-on-black letter display to identify the alphabetical section you're navigating through. Apple also now sells games that are compatible with 5G iPods or later (more on the games in a minute).

The iPod nano got a total makeover, thankfully. The easily scratched, pretty-but-delicate, high-gloss case is gone, replaced by a sturdier, more scratch-resistant aluminum material reminiscent of the beloved iPod mini. The colors are back, but they're not available with every model. The 2GB nano (\$149) comes only in silver; the 4GB nano (\$199) is available in blue, green, hot pink, and silver; the 8GB nano (\$249) is available only in black. (Say buh-bye to white. It is after Labor Day, after all.)

The big holiday-season seller may very well be the new iPod shuffle (\$79), which Apple says is the world's smallest digital music player. Measuring 1.07 by 1.62 by .41 inches and weighing a tad over a half an ounce, the cute li'l 1GB shuffle has a built-in clip so you can wear it and go. If you have someone on your holiday shopping list who would love a shuffle, drop this magazine



The rainbow coalition is back.

and go order one now—we won't be surprised if shuffles sell out quickly after they appear this October.

iTunes. iTunes 7.0 brings some righteous new eye candy. Cover Flow is like flipping through a bin of albums (if you remember what those are), at least until you get to the end of your music library, where songs tend to be named Track 1 and lack the ID tagging that helps track down the matching album art—at least the blank placeholder cover looks decent. Less apparent but equally

classical-music collections in which some movements meld right into the next, iTunes will automatically remove the pause that prior versions inserted between tracks. Stravinsky's *Le Sacre du Printemps* can now be listened to as it was meant to be heard.

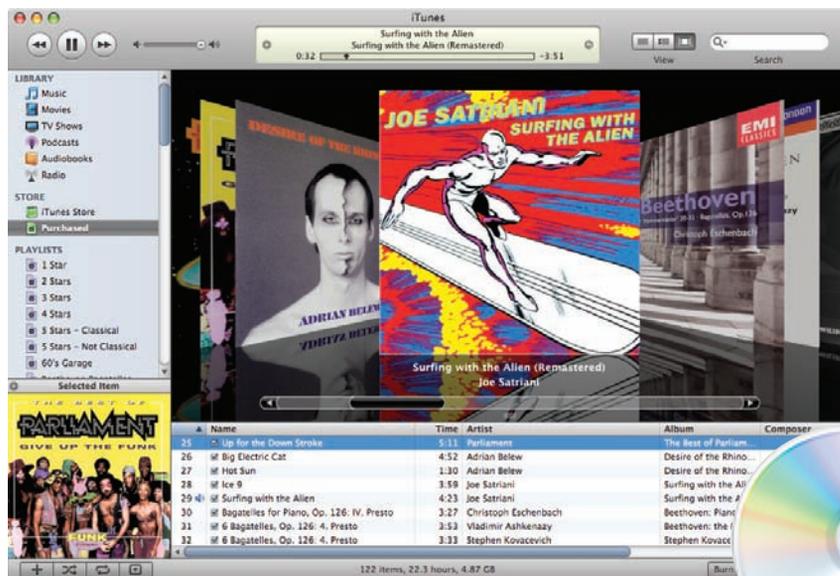
The online powerhouse formerly known as the iTunes Music Store lost its middle name—now it's just the

smoothly, just like Steve said it would. (Most feature-length films are about 1.2GB.) When running on a 1.25GHz PowerBook G4, there was intermittent playback stutter immediately after the download finished, when iTunes reported that it was "preparing the file." On a Dual 2.5GHz Power Mac G5, we experienced occasional stutter during playback—it was rare, but it was there. Oh, and the flick looked great when we played it back on a big-screen TV.

iTunes' movie fare comes from Pixar, Miramax, Touchstone Pictures, and Walt Disney Pictures—Disney's entire stable. So why only 75 titles to start with? Think back to April 2003, when Apple first unveiled its online store with a mere 200,000 songs—three and a half years later, Apple boasts an online catalog of 3.5 million downloadable ditties. Maybe an even better gauge would be the growth of Apple's foray into selling

TV shows, which started with a modest two-network deal (ABC and Discovery Channel), offering a handful of programs, but has since grown to offer over 220 shows from 40 networks in one year. Look for a thousand or more movies, possibly from all the major studios, by this time next year.

Apple also introduced games (\$4.99 each) for the iPod, games designed to work with the clickwheel. Titles include Pac-Man, Texas Hold'em, Tetris, Bejeweled, and more. Time will tell how long we'll be playing Pac-Man on the iPod's wee screen, but so far so good (or bad, from a productivity point of view). And no, you can't pipe the games to a bigger screen.



Is it just us, or does iTunes' new Source List look Windows-esque? But check out that cool cover-art reflection!

cool is the subtle reflection displayed under each mini album cover and mini movie poster in the Store. Classy. iTunes also received a few cosmetic tweaks—some of the icons are new, but not all; the unchanged Playlist and Music Share icons look rather out of place.

An iTunes 7 feature that you'll either love or never use is Gapless Playback. If your library is full of artsy LPs like Pink Floyd's *Dark Side of the Moon* or

iTunes Store. We predict that Apple will do for movies what it did for music, although it might take a bit longer. Steve's estimate of 30 minutes to download a feature-length film is a bit ahead of its time. Our 2.4Mbps DSL account took about an hour to procure a 915MB copy of David Carradine's breakout 1975 thriller, *Death Race 2000*, but the movie rolled after about five minutes of downloading and played

SNEAK PEEK: iTV

Steve Jobs concluded his September iPod/iTunes announcement with a preview of an upcoming product, code-named iTV. The iTV is a box that receives streaming video via Wi-Fi or Ethernet from your Mac or PC, then displays the video on a high-end TV—no TVs with S-Video or composite-video connections need apply. About the same size as a Mac mini but half

the height, the iTV has Wi-Fi, Ethernet, USB 2.0, an HDMI port and component-video ports, plus analog and digital audio ports. The iTV software that appears on the TV looks similar to Apple's Front Row, and can be controlled using the Apple

Remote. Apple says it will be available (probably with a new name, since there's a media company named ITV) during the first quarter of 2007 for a pricey \$299.

—Roman Loyola



This little box will be the missing link in your iTunes-to-TV connection.

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iMac. Just over a year after Apple announced the switch to Intel processors, the iMac is already at the second generation of Intel-ization. The four new iMacs feature the laptop version of Intel's Core 2 Duo processor (formerly code-named Merom), the successor to the Core Duo processors that were the first Intel chips used in any Mac.

don't mind a slight speed hit due to the smaller L2 cache, the slower processor, and fact that the main memory is shared with the graphics subsystem. The extra \$200 for the 2GHz 17-inch iMac is worth it—you get a DVD burner, more memory, dedicated video memory, and a bigger L2 cache for the faster processor.

The 20-inch (\$1,499) and 24-inch

20- and 24-inch models. For video and imaging enthusiasts, the 24-inch iMac with a 2.33GHz Core 2 Duo makes a great combination of price and performance, with a bright, large screen to help you do your work.

Mac mini. The Mac mini lineup gets a processor makeover as well. The two new Mac mini models both have Intel's previous-generation Core Duo processor; the Core Solo model is gone.

The \$599 Mac mini is the Mac for your kid's room or kitchen, or maybe it's a home network server or in your car (if you're geeky enough to do that). It has a 1.66GHz Intel Core Duo processor, 512MB of memory, a 60GB SATA hard drive, a Combo drive, AirPort Extreme, Bluetooth 2.0, and an Apple Remote.

The \$799 Mac mini is the affordable Mac for creating media, with its 1.83GHz Intel Core Duo processor, an 80GB hard drive, and a SuperDrive for burning DVDs. It also has AirPort Extreme, Bluetooth 2.0, and an Apple Remote. If you have a few extra bucks, upgrade the RAM from the basic 512MB to 1GB (\$75 more through Apple) or 2GB (an additional \$250 via Apple). The memory boost will make a big speed difference.

But what about...the Apple Phone and the big-screen iPod? Rumors that Apple is working on these products continue to swirl, and only Apple knows why it hasn't released them. The Motorola ROKR was a bit of a bust, but the SLVR is a moderately successful iTunes-equipped phone, although iTunes wasn't enough to cause much of a stampede to buy one. A big-screen iPod seems like a perfect partner for iTunes movies. But perhaps Apple's preview of the iTV (see "Sneak Peek: iTV," p14) was a way to send a message—that its customers want to watch movies on a screen much bigger than an iPod-esque LCD.

—Roman Loyola and Niko Coucouvanis



The iMac is now available with a glorious 24-inch LCD.

There are two 17-inch iMacs. The \$999 model has a 1.83GHz Core 2 Duo processor, 2MB shared L2 cache, 512MB of memory, a 160GB SATA hard drive, a Combo Drive, an Intel GMA 950 graphics subsystem that shares 64MB of memory with the iMac's main memory, and AirPort Extreme. The \$1,199 17-inch iMac has a 2GHz Core 2 Duo processor, 4MB shared L2 cache, 1GB of RAM, a 160GB SATA hard drive, a double-layer SuperDrive, a 128MB ATI Radeon X1600 video card, AirPort Extreme, Bluetooth 2.0, and an Apple Remote. Which one to get? The \$999 17-inch iMac is a good choice only if you

(\$1,999) iMacs both have 2.16GHz Core 2 Duo processors, 1GB of RAM, a 250GB SATA hard drive, a double-layer SuperDrive, AirPort Extreme, Bluetooth 2.0, and an Apple Remote. The 20-inch iMac has a 128MB ATI Radeon X1600 video card with a native resolution of 1,680 by 1,050 pixels, while the 24-inch iMac has a 128MB nVidia GeForce 7300 GT video card with a native resolution of 1,920 by 1,200 pixels. The top three of the four iMac models can be ordered with faster processors than the base models: a \$100 bump from 2.0GHz to 2.16GHz on the 17-incher, and a \$250 step from 2.16GHz to 2.33GHz on the



Powered by Intel's Core Duo processor.

SHAREWARE PICK OF THE MONTH

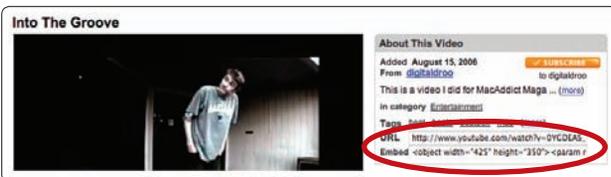
TubeSock www.stinkbot.com \$15

Use TubeSock to get videos from YouTube (www.youtube.com) on your hard drive, iPod, or PlayStation Portable so you can watch 'em anytime you want. It's painless and convenient, and you can satisfy your YouTube addiction offline. Looking for a YouTube video to try TubeSock out? Try the video at www.youtube.com/watch?v=0YGDEAS_XWE.

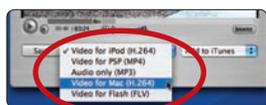
—Andrew Tokuda



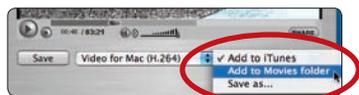
1 When you watch a video on YouTube, you can find a URL for that page in the About This Video box. Copy it.



2 Paste the URL into the blank field in TubeSock. Click on Preview to view the video in TubeSock.



3 Choose a format to save the video in by clicking on the pop-up menu at the bottom middle of the TubeSock window.



4 Choose the destination for your saved file with another pop-up menu.

5 YouTube junkies can add a Show In TubeSock link to Safari's Bookmarks Bar. Go into the TubeSock Menu and select Integrate With Safari.



6 Safari opens a page with a button that you can drag to your Bookmarks Bar.

What's New

DIGITAL SLR CAMERAS

- Canon's **EOS Digital Rebel XTi** (\$799.99 body only, \$899.99 with lens kit, www.usa.canon.com) SLR camera features a 10.1-megapixel single-plate CMOS sensor, the EOS Integrated Cleaning System (which removes dust from the sensor), and a 2.5-inch LCD.
 - Nikon's **D80** (\$999.95 body only, \$1,299.95 with lens kit, www.nikonusa.com) has a 10.2-megapixel DX-format CCD sensor, a shutter lag time of .08 second, an 11-area autofocus system, and more. The 12.4-megapixel **D2Xs** (\$4,699.95) SLR has in-camera image trimming, GPS support, image authentication, and wireless connectivity to a Mac.
 - Pentax's **K10D** (\$899 body only, www.pentax.com) is a 10.2 megapixel SLR camera with a sensor-based stabilization system, 11-point autofocus range, and more.
- Michelle Victoria



Nikon's D80 (top) and Canon's Rebel XTi (bottom).

NEW STUFF



Pocket TV.

TINY TUBE RoverTV

\$299 Big Screen, \$349 Widescreen
www.rovertv.net

Available: Now
DogHouse Electronics' portable TV is available with a 3.5-inch screen or a 4-inch widescreen. It comes with a 2GB SD card that holds up to seven hours of video or 2,800 songs—but it can't play videos, films, or songs bought from the iTunes Store.



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PRESCREENER PhotoReviewer 2.1

\$15
www.sticksoftware.com

Available: Now
This app helps you organize and manage your photos before you import them to iPhoto. It displays EXIF, histogram, exposure information, and more.

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www.homedics.com

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This seat cushion plugs into your iPod to perform a vibration massage.



Ready to rumble.



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- Patented cordless, battery-free, ball-free, and optics-free mouse with three programmable buttons and a scroll wheel
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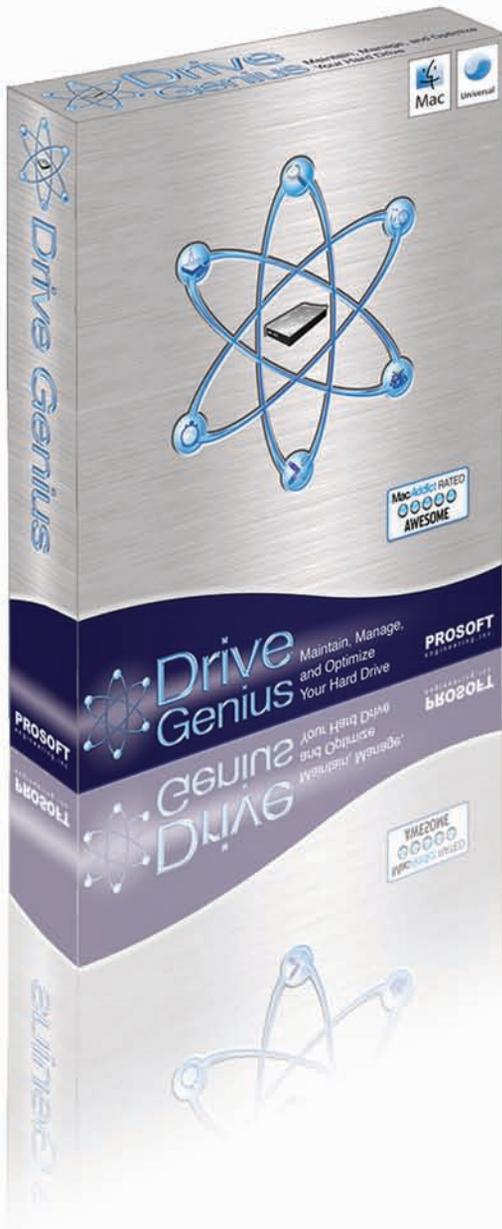
Cintiq 21UX - \$2499



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- Scan
- Analyze
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Apple Store



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www.prosoftengineering.com

PROSOFT
engineering, inc.

From the Minds of **MacAddict**

Your Mac's got a friend—
six of them, to be exact.

The *MacAddict* staff is an eclectic bunch: one rabid football fan, three equally ardent *futbol* fans, two die-hard dog lovers, a pair of aspiring gourmet chefs—you get the idea. They're all united, however, in one crucial respect: their undying devotion to the Mac. Actually, devotion may be too weak a word; call it a passion.

Over the years, these half-dozen Mac addicts have acquired a wealth of Mac experience. Hardware, software, networking, Mac-to-PC connectivity, obscure geek-cred nuggets—they've all been there and done that. Meaning, in this case, exploring all the nooks and crannies of MacAddictude.

So this month, they—we, actually—are going to share some of our favorite secrets with you. Turn the page and dive into eight pages of Mac-savvy advice from the minds of *MacAddict*. We had a great time working on this collection of tips; we're certain



that you'll have an equally good time learning a few new tricks to teach your beloved Mac. As our editor-in-chief always says at the end of his monthly column, "Enjoy."



Aspiring Geek



Homebody



Financially Frazzled



Bi-Platform



Creative



Word Warrior

For the Aspiring Geek

Here's a grab-bag of geeky goodness that'll make you the hit of your next cocktail party. Or not...



So you wanna be a MacAddict editor? OK, prob'ly not...but I can show you how to play one on TV. Or, to put it more accurately, how to impress your friends and associates with this diverse folio of patent-pending Ninja Mac-Mastery. Use these tips and tricks wisely, young grasshopper, and share them only with those whose minds are pure.—Niko Coucouvanis, How-To Editor

Geeks love cables. Everyone does...right?

Dismount for a smoother landing

Before you pack up your 'Book to leave the school library or your office, first unmount any servers to which you're connected. Otherwise, the next time you pop open your 'Book, you'll wait in spinning-beach-ball purgatory while the Mac looks for the server that it thinks is still connected—I've enjoyed that scenario for a full minute or more, yet I still sometimes forget to sever the server connection before sneaking out early.

Know your limitations, and work around them

It's not just you: Mac OS X's built-in FTP support really *can* be flaky—as in sometimes it just doesn't work. So use Cyberduck instead (free, www.cyberduck.ch). It's as robust as the day is long, and—even better—it sports a cute li'l duckie icon.



Upload the dog and download the cat, quackety quack!

Your printer is a liar

Just because your printer's driver software tells you that your printer is out of ink doesn't make it so. I've dismissed the alert and just kept printing with no discernible difference in prints—when the ink's really gone, you'll see the difference. If your printer balks at your continuing to print, remove the cartridge, wave it three times over a decapitated chicken (chicken optional), then put it back in the printer and try again.

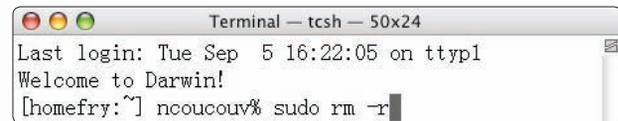
Tiptoe through the Terminal

The up and down arrow keys are your friends—use them to scroll back and forth through your recently used Terminal commands. Terminal (/Applications/Utilities) remembers the last 50 commands that you've executed, so you can fire off commands you haven't used in weeks without retyping (and thus needing to remember) the exact command. Just launch the Terminal and press the up arrow key repeatedly until you see the command you want to summon. (Obviously, this trick doesn't work until you've run some Terminal commands.)

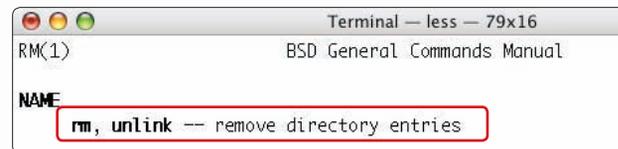
AWTTW, RTFM (BYKT)

Here's the No. 1 Terminal tip of all time: Read the Freakin' Manual. Open a second Terminal window so you can peruse any command's official documentation while experimenting with the command in another window. For example, before trying that `rm` command in the screenshot below, type `man rm` into a Terminal window and press Return to see how much trouble you could cause with this innocent-looking command. Don't—I repeat, *don't*—type

`rm -r` and press Return; you can (and will) wipe out the entire contents of your drive.



You know why you'd never be able to return to this command, right?



Because it'd remove the entire contents of your hard drive, that's why.

Wi-Fi lockdown

Sharing is good, but having a faster, more secure network is better. Lock down your wireless network with WEP, WPA, or WAP encryption; it's easy via your AirPort Admin Utility or your router's onboard configuration utility. Plus, your Mac can remember the password and automatically log you in, so it's no hassle for you—unless you lose the password, so jot that down somewhere safe. Besides keeping random creeps from snooping around on your home network, closing your network can keep your neighbors from clogging up your Internet pipe with god-knows-what that they're downloading with Kazaa.

Pick a lane and stay there

If your home-network infrastructure requires multiple routers, access points, adapters, switches, hubs, or what-have-you, keep in mind that such devices tend to work best with others of their own brand, especially when using WDS (wireless distribution system, for extending your Wi-Fi network's range) and WPA, WAP, or WEP security. If you just want to extend your Wi-Fi signal so it reaches Junior's roost in the attic as well as your basement sanctuary, consider an antenna or a signal booster such as Hawking's HWREG1 Wireless-G Range Extender (\$75, www.hawkingtech.com), which blasted my signal a good 500 feet from my AirPort Base Station.

Thunderbird? No... Birdthunder? No... Thunder!bird? No...

Should you ever lose or forget your router's password, every configurable home-networking device has a Reset button on its bottom or back, which you can use to restore the device's default configuration, including its password.

Freeze, Dock!

Keeping folders in the Dock rocks for quickly accessing files, but sucks rocks when you try to drag a file into a docked folder and the dadgummed thing scoots out of the way to make room for you to put that file itself in the Dock. Solution: When you want to drop a file into a docked folder icon and not the Dock itself, just hold Command while dragging, and the docked folder will stay put.

Fun with FireWire

FireWire is a great way to connect two Macs—in two ways. First, good old Target Disk Mode will mount one Mac's internal volumes on another Mac's desktop—just connect the two with a FireWire cable, then restart one while holding down T on its keyboard. The second FireWire connection method is over good old IP networking, which you can set up via System Preferences' Network and Sharing panes. In the Network pane, set both Macs to use Built-In FireWire, and then manually assign each Mac a unique IP address (both in the same subnet, such as 10.0.0.3 and 10.0.0.4) and a common Subnet Mask. Then open System Preferences > Sharing and enable Remote Login, Personal File Sharing, or other services to share on one Mac. Now you can log in from the other Mac.

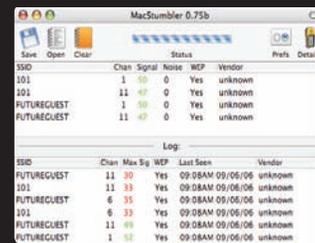
Network Tools

Stock up on good networking tools, or you'll be hurtin' for certain when your network goes down and you don't know where to poke it for signs of life.

STANDARD ISSUE Mac OS X's built-in tools are a good start: Launch Network Utility (/Applications/Utilities, where you'll also find the Terminal if you're down with the command line) and hack away with saucy-sounding Unix tools such as ping and finger. Choose Help > Network Utility Help > See All Network Utility Topics for a good overview of its powers.

BONJOUR BROWSER This gem scans your local network subnet for any active Bonjour services, so you can find out who's freeloading (or worse) on your open Wi-Fi network, who's sharing iTunes or iPhoto content, network printers, webcams, and more (donationware, on this month's Disc or at www.tildesoft.com).

MACSTUMBLER When you're cruising for free Internet access at a café or elsewhere, our favorite access-finder is the original Wi-Fi network locator, MacStumbler (donationware, on this month's Disc or at www.macstumbler.com). There are plenty of other finders to choose from at www.versiontracker.com, and gadget hounds can get handheld devices that do the same thing, though not always as reliably.



SSID	Chan	Signal	Noise	WEP	Vendor
101	1	100	0	Yes	unknown
101	11	100	0	Yes	unknown
FUTUREQUEST	1	100	0	Yes	unknown
FUTUREQUEST	11	100	0	Yes	unknown

SSID	Chan	Max Sig	WEP	Last Seen	Vendor
FUTUREQUEST	11	30	Yes	09/08AM 09/06/06	unknown
101	11	30	Yes	09/08AM 09/06/06	unknown
FUTUREQUEST	6	30	Yes	09/08AM 09/06/06	unknown
101	6	30	Yes	09/08AM 09/06/06	unknown
FUTUREQUEST	11	30	Yes	09/08AM 09/06/06	unknown
FUTUREQUEST	1	30	Yes	09/08AM 09/06/06	unknown

There's all kinds of Wi-Fi access available in most office-park parking lots.

For the Homebody

Stuck at home? Point your browser at these sites, and the world is your oyster.



Having recently adopted three—count 'em, three—kids, my partner and I don't get out much anymore. The Web, however, is still there to amuse, edify, and distract (both us and the kids). Here are a few of our favorite discoveries.—Peter Marshutz, Associate Art Director

Compared to the Web, the outside world is overrated.

TAKE A FANTASY VACATION Search hundreds of travel sites with Mobissimo travel (www.mobissimo.com), Kayak (www.kayak.com), or QIXO (www.qixo.com).

GET THE COMPLETE PICTURE CompletePlanet (www.completeplanet.com) calls itself “the deep Web directory”—and it's not exaggerating: It accesses over 70,000 databases and specialty search engines.

BROWSE WITH YOUR EYEBALLS Ditto (www.ditto.com) helps you search the Web using images rather than mere words.

FIND A VIDEO BONANZA YouTube may be getting all the press

these days, but if you *really* want to explore the world of online video, check out Searchforvideo Video Search (www.searchforvideo.com).

GET A NEW JOB If you're looking for work, check out Indeed (www.indeed.com), which searches “millions of employment opportunities from thousands of sites.” Hmm...this morning there are 1,560 art director jobs available in California alone.

BE A VIRTUAL NYT REPORTER At www.nytimes.com/navigator you can see and use the same search engines and resources

as do reporters at *The New York Times*.

STOP USING WORD Google's new online word processor, Writely (beta, www.writely.com), has all the basic word-processing features and allows you to work collaboratively with others online. You'll need Firefox, Camino, or Mozilla, though—at press time Writely didn't yet work with Safari.

CUSTOMIZE YOUR SEARCH OPTIONS View and search hundreds of search engines at Amazon's versatile and all-knowing A9 (<http://a9.com>).

GET THE PICTURE You can download nearly a half-million

images—many for free—from the digital collections of the New York Public Library (<http://digitalgallery.nysl.org/nypldigital>). At press time, FreeFoto (www.freefoto.com) had “only” 97,403 images—but they’re *all* free.

MAKE CONNECTIONS Liveplasma is hard to describe, so just point your browser toward www.liveplasma.com, type in the name of a movie or a band, click the appropriate button, and watch Liveplasma build a relationship map. If this were 1968, I’d be tempted to say “groovy!”

GET DIRECTIONS The University of Texas makes thousands of free maps available at www.lib.utexas.edu/maps.

GO TO THE LIBRARY For homebound researchers, it doesn’t get

much better than StartSpot Network’s LibrarySpot (www.libraryspot.com).

BE NOSY Find out what your neighbors paid for their home—and what yours is worth—at www.zillow.com. Sorry, Safari fans, this one’s Firefox only.

STAY ANONYMOUS Don’t open yourself up to spam by registering on yet another Web site just for access to its materials. BugMeNot (www.bugmenot.com) can provide you with user names and passwords for zillions of Web sites.

GET THE BIG PICTURE Buzztracker (www.buzztracker.org) gives you a visual overview of where current world news is breaking, and provides links to the stories.

For the Financially Frazzled

Unless your finances are *my* complex, Excel has all the oomph you need to keep them in line. Here’s how.

Tracking how you spend your dough is always a good idea, so I recently went looking for a free app for setting up a simple budget. But after trying a few, I realized that everything I need a money-tracking app to do, I could do with Excel. I know, I know, you’re already chained to Microsoft Office at work, so why invite Excel into the comfort of your own home? Trust me, numbers on a spreadsheet are far more interesting when they represent your very own cash.—Susie Ochs, Managing Editor

Come back, money! Don’t leave me!

formula into each cell but updates the row numbers automatically so that each item in the Monthly column is the sum of the two cells to its left. Little green triangles and exclamation points immediately pop up to signal a problem. Clicking the exclamation point brings up a dialog with an error message because the formulas are referring to empty cells. Well, we plan to put numbers there eventually, so just click Ignore This Error in the dialog. (If you find these hints more annoying than helpful, you can turn them off in Excel > Preferences > Error

Checking by unchecking the box labeled Enable Background Error Checking.)

The Total In and Total Out rows (shaded yellow using the Formatting Palette) are AutoSums of the Income and Expense items above them. Now that the formulas are set, Excel will automatically update the totals as you add numbers, and by adding a Net row at the bottom, and telling it to subtract Total Out from Total In, you can watch that number change as you budget. To make the budget easier to read, you can use the Formatting Palette to bold the monthly totals, change the numbers to dollar amounts, and to add a border between the budget columns and the columns to their right, which will contain the numbers we generate later on subsequent expense-tracking worksheets. To make it easier to compare those actual monthly totals to the budget figures, select Column E by clicking the E, and then select Window > Freeze Panes, so the

four budget columns (Columns A through D) stay put when you scroll out to the right. Finally, name the worksheet “Budget” by right-clicking the Sheet 1 tab at the bottom of the window and choosing Rename; alternatively, you can just double-click Sheet 1 to select it, and then type in a new name.

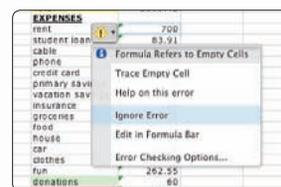
Build your budget

First, let’s create your budget. On the first sheet of an Excel Workbook, list all your income and expense categories in Column A. (The attached screenshots, by the way, are fake—you’d feel too sorry for me if I used my actual info.) Since I get paid twice a month, I budget per paycheck to avoid any cash-flow issues. Column D shows monthly totals, calculated with a SUM formula. Just click the AutoSum icon in the Standard Toolbar (View > Toolbars > Standard)—the one that looks like a capital Greek sigma. In this case, Excel correctly guessed which cells I wanted added for cell D3: the two adjacent cells, B3 and C3.

Once that sum is entered, select that cell, then drag down Column D to the end of the budget, thus highlighting all the cells in that column. Then select Edit > Fill > Down, and Excel puts that

	A	B	C	D	E	F
		1st half	2nd half	Monthly	Aug-06	Sep-06
1						
2	INCOME					
3	paycheck	\$1,500	\$1,500	\$3,000	\$3,089	
4	other in	\$0	\$0	\$0	\$0	
5	Total in	\$1,500	\$1,500	\$3,000	\$3,089	
6	EXPENSES					
7	rent	\$700	\$0	\$700	\$700	
8	student loan	\$85	\$0	\$85	\$84	
9	cable	\$90	\$0	\$90	\$73	
10	phone	\$60	\$0	\$60	\$68	
11	credit card	\$0	\$300	\$300	\$82	
12	primary savings	\$50	\$150	\$200	\$100	
13	vacation savings	\$0	\$50	\$50	\$50	
14	insurance	\$0	\$50	\$50	\$20	
15	groceries	\$100	\$100	\$200	\$165	

See where your money goes with an Excel spreadsheet.



Begone, error messages! Right-click the exclamation-mark pop-up to ignore errors.

Track your frittering

Once your budget is done, Excel helps you track your spending to see if you're sticking to your plan. To do this, just set up a worksheet in the same workbook for the first month, and name that worksheet Aug-06. The left side of the worksheet has an Amount column where you can track expenses (entered manually from receipts, bank statements, credit-card bills, and off-track betting slips) and a Category column where you assign each transaction to a category—the same categories from the Budget worksheet, naturally. To remind yourself of the category names, just copy and paste the category list from the Budget to the right side of the Aug-06 worksheet.

In the column next to the category list (Column H in the



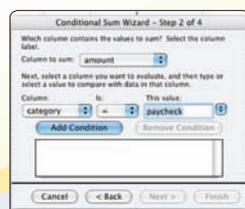
	A	B	C	D	E	F	G	H	I
1									
2	Aug-06	07/31/06	1568.47	paycheck			INCOME		
3		08/01/06			blue front		paycheck	\$3,089.43	
4		08/02/06	20	food	pizza		other in	\$0.00	
5		08/03/06	23.14	groceries	verifone		total in	\$3,089.43	
6		08/03/06	83.91	student loan			EXPENSES		
7		08/03/06	700	rent			rent	\$700.00	
8		08/04/06	14	food	mexis		student loan	\$83.91	
9		08/04/06	10	fun	beer		car	\$72.78	
10		08/04/06	10	house	quarters		phone	\$68.40	
11		08/06/06	23.59	clothes	sac		credit card	\$81.93	
12		08/06/06	48.7	clothes	koris		primary savings	\$100.00	
13		08/06/06	32.04	food	home		vacation savings	\$50.00	
14		08/06/06	40	fun	alo rx fm		insurance	\$20.00	
15		08/06/06	43.62	groceries	safeaway		groceries	\$165.35	
16		08/06/06	15	groceries	kj		food	\$284.24	
17		08/06/06	11.6	clothes	pat.ship		house	\$35.05	
18		08/08/06	72.78	clothes			car	\$37.24	
19		08/08/06	10.96	groceries	nums		clothes	\$240.88	
20		08/11/06	39.14	food	mexis		fun	\$262.55	
21		08/12/06	41.33	clothes	am apparel		donations	\$60.00	

The Aug-06 worksheet shows transactions on the left, and the category list and totals on the right.

screenshot above), we want Excel to keep running totals of how much is spent in each category, so we need to use the Conditional Sum Wizard (Tools > Wizards > Conditional Sum) to set up the formulas. A conditional-sum formula is just what it sounds like: It calculates the sum of a set of numbers (in our case, the Amount column) based on a condition—in our case, whether or not the category associated with each amount matches the category you want to total with that particular formula.

When you launch the wizard, it asks you to define what columns you want to work with (Amount and Category), including the column headers. The easiest way to do this is to select and drag with your mouse—and make sure to include plenty of rows in your selection, so that as you add line after line of expenses, they'll all be included in the sum. My selection extended all the way down to Row 80, which is more lines than I ended up needing for my August expenses—but we'll be copying and pasting these formulas to additional worksheets for subsequent months, and some months have more transactions than others.

The next step of the wizard asks which column you want totaled (choose Amount in the drop-down menu) and lets you set the conditions with drop-down menus. In this case, choose Category = *category name*; use the first category in the list on the right side of the worksheet—you can select it from the drop-down menu or just type it in the open field. Click Add Condition, and then click Next to advance to the next step of the wizard. The next pane asks if you want just the total entered into a cell, or if you want the category entered in one cell and the total displayed next to it. Choose the category-and-total option, and when the wizard asks what cell to display the category name in, click the cell in the category list with the same name as



The Conditional Sum Wizard lets you add numbers based on a condition—in this case, adding expenses based on their category.

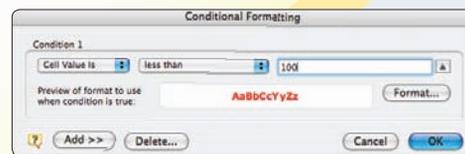
the category you're totaling. A dialog pops up saying "The cell you selected is not empty. Do you want to continue and replace the contents of the current cell?" Choose Yes. The final step of the wizard asks where to display the sum; use your mouse to select the cell immediately to the right of the category name. Once the first conditional sum is correct, you can select that cell with your mouse, press Command-C to copy the formula, then click and drag with your mouse to highlight all the cells below it (the cells next to the other category names), and press Command-V to paste the formula into those cells. Presto!

Manage money monthly

Now your Aug-06 worksheet contains totals for each category, but we want to put those totals on the Budget worksheet so we can see how they compare to the budget. To do that, click back to the Budget spreadsheet, use your mouse to select a cell in the Aug-06 column (Column E) and the row that corresponds to your first category. Type an equals sign in the Formula Bar (to tell Excel that this cell will contain a formula), and then click back over to the Aug-06 worksheet, select the first category-total cell, and press Return; this tells Excel that the information from the Aug-06 worksheet should be reflected in the Budget worksheet. (Again, you can copy and paste the formula to the other category cells in the Aug-06 column of your Budget worksheet to avoid having to manually enter this same formula over and over.) That way, as you add expenses to the Aug-06 worksheet and the category totals are updated there, the same totals are updated on the Budget worksheet as well.

To warn you that you're about to go over budget, select the Net cell in a month's budget column, then choose Format > Conditional Formatting. In the dialog that appears, choose Cell Value in the first drop-down menu, Less Than (<) in the second, and type 100 into the open field. Then click the Format button, and in the dialog that appears, click the Font tab, select Bold as the Font Style, and choose red in the Color drop-down menu. Now when your monthly Net drops below 100 bucks, the figure in that cell will turn red.

This may all sound like a lot of work, but the good news is that once you have all your formulas set up and your worksheets connected, each month you can copy and paste



With Conditional Formatting, Excel can warn you when your budget is nearing ground zero.

the entire previous month's expense-tracking worksheet to a new worksheet for the next month, then just clear the cells containing the individual expense items (highlight the cells, and then select Edit > Clear > Contents), and start over. You do have to set up a new column on the Budget worksheet for the new month, but that's quick—just label a column for Sep-06, set up a formula to copy one of the category totals from the Sep-06 worksheet, and then copy and paste that formula for the other categories in the Sep-06 column.

A nice thing about Excel is that you can customize the worksheets however you like. Once your budget is set up and customized, you'll finally know where all your money is going. But keeping it in your wallet? We can't help you with that...

For Bi-Platform Types

Apple now makes it possible for you to go both ways—and here's how to make the switch easy and safe.



To borrow from Apple's latest TV ads, "Hello, I'm a Mac, and I'm a PC." With Apple's Intel-based Macs, you can use Boot Camp (free, www.apple.com/macosx/bootcamp) to run either Windows XP or Mac OS X. With Parallels Desktop for Mac (\$79.99, www.parallels.com), you can run Windows XP within Mac OS X. Here are a few tips to make Windows XP and Mac OS X coexist peacefully.—Roman Loyola, Reviews Editor

Don't worry, he greatly prefers the box in his left hand.

GO FAT If it's important to access files you created in Windows XP when you're in Mac OS X, format your Windows XP drive partition as FAT32. Mac OS X can read and write to FAT32-formatted partitions; it can't write to NTFS-formatted partitions (NTFS is more secure and faster, however). Also, if you have a portable flash drive that you want to use in both operating systems, format it using FAT32.

MAC DRIVE 6 Windows XP can't access Mac-formatted hard drives without special utilities, such as Mediafour's MacDrive (\$49.95, www.mediafour.com). With MacDrive installed, you can read all Mac-formatted media when in Windows XP, including your Mac partition on your hard drive, plus Mac-formatted CDs and DVDs.

ACCESS FOLDERSHARE If you use FolderShare (free, www.foldershare.com), Microsoft's online file-storage service, there's Mac client software you can use. Get it at www.foldershare.com/download.

FREE VIRUS SOFTWARE If you're worried that a nasty Windows virus could infect your Mac, you can install Grisoft's AVG

Anti-Virus (free, www.grisoft.com) for some added protection in Windows XP. But if you're never going to access your email or download files via Windows, you don't have much to worry about. Much.

APPLE REMOTE Instead of holding the Option key on your keyboard at startup

to access Boot Camp's boot loader so you can select which operating system to run, you can use your Apple Remote. Hold down the Remote's Menu button at startup, and the boot loader will appear. You can then use the Forward and Back buttons to select your operating system.

BONJOUR FOR WINDOWS If you use Bonjour networking on your Mac and want to access it through Windows XP, install Apple's Bonjour for Windows (free, www.apple.com/macosx/features/bonjour).

CREATE A WINDOWS XP SP2 DISC Boot Camp requires a Windows XP with SP2 (Service Pack 2) installation disc. What if you have a XP install disc that doesn't have SP2? You can create a XP-with-SP2 disc by using a technique called slipstreaming. Don't worry, it's legal, provided that you're using a legitimate copy of XP and installing it on only one computer. Our sister publication, *Maximum PC*, has an excellent slipstreaming tutorial at www.maximumpc.com/2005/01/how_to_slipstre.html.

DELETED DELETE KEY Windows XP thinks the Delete key on MacBooks and MacBook Pros is a Backspace key. Press Fn+Delete to get the Delete key functionality back.



Your spare key to Apple's boot loader.

For Creatives

You can never be too rich, too good-looking, or know too many image-enhancement tricks.



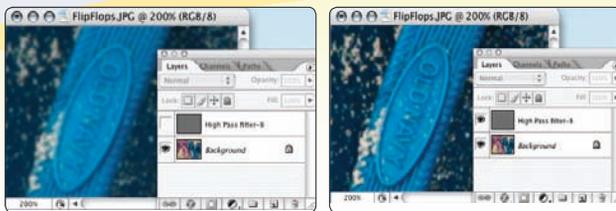
When it comes to creating things on the Mac, there's always umpteen ways to approach any technique—and some techniques yield better results than others. So why stick with the easy way when you can go just a little bit further and get great results? Here are a half-dozen tips that range from the practical to the purely aesthetic.—Mark Rosenthal, Art Director

Creativity—it's serious business.

Quick and sassy sharpening in Photoshop

If you find Photoshop's Unsharp Mask filter not only confusing, but short of what you need, here's a simple sharpening method that doesn't even have a confusing name.

Open your image and copy it onto a new layer (Command-J, or Layer > New > Layer Via Copy). Use the High Pass filter (Filter > Other > High Pass) at a Radius setting of six to eight pixels. Then select Soft Light in the Layers Palette's drop-down menu. If the



High Pass filter on and off—easy sharpening!

sharpening is too intense, reduce the Opacity in the upper-right corner of the Layers Palette. The great thing about using this method is that the edges in your image get sharpened, but the smooth parts get left alone. No more grainy skies!

Quick and easy dodging and burning in Photoshop

Nearly every photo has parts that are either too light or too dark; dodging and burning adjusts these areas. But Photoshop's Dodge Tool and Burn Tool are tricky to use, and they permanently change the pixels in your file. Luckily, there's a better method for dodging and burning that's intuitive, easy, and reversible.

Find an image that needs adjusting, and open the Layers Palette. Click the circled triangle in the palette's upper-right corner; in the drop-down menu that appears, choose New Layer, and the New Layer dialog will appear. From its Mode menu, choose Overlay, then check the box labeled Fill With Overlay-Neutral Color (50% Gray). Now you're set up to paint your desired tones onto this overlay layer—painting with black will deepen tones, while painting with white will lighten them. Start out by using a brush with its Master Diameter set to 30 pixels and its Hardness at 20 percent, and with an Opacity of 9 percent set in the Layers Palette, but you may need to adjust your brush parameters on a case-by-case basis.

Since you're painting on the Overlay layer, you can always paint with black over an area that you may have lightened too much—and the other way around. And you can do this over and over without degrading your pixel tones since they aren't actually being touched.

Easy color balancing with a gray card

Color balancing your photos can be tough. Unless you have a calibrated monitor and profiled printer it's hard to know how to get colors accurate in Photoshop. Fortunately, there's a decidedly low-tech solution.

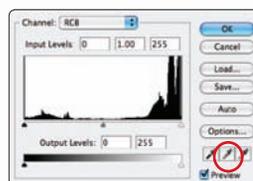
A gray card is a piece of cardboard with a uniform neutral gray printed one side; you can purchase one at your local photography store. The next time you're photographing a portrait, have your subject hold the gray card chest high. Make an exposure, and then set aside the gray card and continue shooting—you'll only need it again if the lighting conditions change.

Back home in Photoshop, open the photo of the subject holding



Create your Overlay layer. Paint on it to lighten and darken. The middle shot is the overlay layer by itself.

the gray card. In Levels (Command-L, or Image > Adjustments > Levels) select the center (gray) eyedropper, and then click on the gray card in the image. The job of the dropper is to take the sampled color and equalize the value of the R, G, and B channels, thus making gray. Since I know the gray card should be neutral, clicking on it with the gray dropper will balance it—and move all the other colors into correct values along with it. Before closing Levels, click Save, then name and save this Levels adjustment.



Select the middle (gray) dropper and click on the gray card in your photo.

Now when you open the other shots from your portraiture session, choose Load in the Levels dialog and choose the profile that you just made—it should enable you to color balance the entire set of shots.

Of course, the gray card isn't helpful for photographing, say, soaring eagles, but for still-lives and portraits it's a valuable tool.

Taming an overexuberant flash

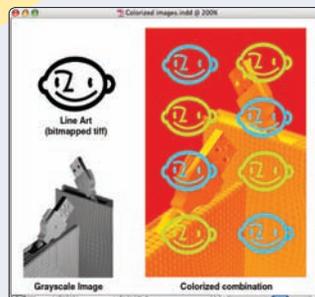
When using your digital point-and-shoot, does its flash overwhelm your subject or produce harsh highlights? Does shooting close-ups with the flash blow everything out? Some cameras enable you to power down the flash, but doing so doesn't reduce the harshness of the light.

The easy fix is to take a piece of white paper and tape it right over the flash, thus reducing the light output and, even more importantly, softening the quality of the light. Plus, the paper won't affect exposure since your camera will adjust when less light enters the lens. Try different thicknesses of paper—even different colors.

Colorizing images in Adobe InDesign

What is colorizing and why should you care? Colorizing is applying color in InDesign to grayscale or black-and-white images. By creating these colorized "photo-graphics" right in InDesign, you have the flexibility of making creative color changes on the fly, as opposed running off to Photoshop to make adjustments. Here's how it's done.

First, convert a photograph to grayscale (Image > Mode > Grayscale). Find a black-and-white logo, convert it to grayscale and then make it a bitmap (Image > Mode > Bitmap); in the Bitmap dialog that appears, choose Diffusion Dither in the Method drop-down menu, then click OK. Place these images into InDesign. For each image, click on a picture box with the black selection arrow, and choose a color from the palette. The box becomes the color but the image remains black. Now, click the image using the white direct-selection arrow. This will highlight the actual image file that's filling the picture box.



Colorizing lets you add brilliant—and easily editable—color to your photos and line art.

Choose a different color. Now the image is one color and the box is another. From here you can play with these color combinations while using new colors or colors that you've chosen for the rest of your design. The bitmap image (the logo) has a special property in that the areas of the image that were originally white are now transparent—imagine the possibilities.

For the Word Warrior

Microsoft Word may not be the sexiest app, but most of us use it daily. Here's how to get it to work harder for you.



We editor types will do anything to save time. Fortunately, our most important tool, Microsoft Word, offers plenty of ways to grease copy flow, from key commands that shave seconds to a host of automation options that, when used correctly, can do your work for you. Let's take a look at some of the latter.

—Rik Myslewski, Editor-in-Chief

Hard-boiled journalist.
Soft-boiled egg lover.

Use AutoText to add words, paragraphs, photos, and tables

Every job involves some repetitive typing. An editor of an elegant and witty Mac magazine, for example, may often have to list the system specifications for an application; you might need to frequently type The Global Fund for the Promotion and Advocacy of the Health Benefits of Maitake Mushrooms. Whatever—you get the idea: Typing long, repetitive phrases is a drag, especially when it's so easy to have Word's AutoText feature do it for you. AutoText is also useful for inserting phrases that need only minor modification each time they're used, such as the software specs mentioned above; just have Word insert the parts that don't change, then use your mouse—or even faster, your arrow keys—to move to the places in the phrase where you need to insert new info. Even more powerfully, AutoText can insert gobs of information: fully formatted tables, multiple-line entries, images, whatever—if you can select it, you can AutoText it.

Before you create your first AutoText entry, choose Insert > AutoText, and take a gander at the hierarchical menu that contains the preconfigured AutoText possibilities that Word already contains. More on this list later—we want to create an entry first. To do so, simply type what you want to turn into an AutoText entry, select it, then choose Insert > AutoText > New, and a dialog will appear that asks you to name your entry—choose a name with at least four characters. That's it. You're done.

You now have three ways to insert your entry. The first is to place your insertion point where you want the entry to appear, choose Insert > AutoText, then select your entry's name in the submenu that appears.

Here's where things may get a bit wanky. You see, at this point Word displays only the

Create an entry from a selection (top), then type in its entry name to insert it using AutoText.

Mac OS 10. or later, GHz or faster CPU; MB disk space



Mac OS 10. or later, GHz or fa...

Specifications: spxx

entries linked to the style of the paragraph that your insertion point is in; if you've applied a style that you created in Format > Styles to that paragraph, all you'll see are the AutoText entries that were created with that style; you can, however, get around this by holding down Shift while choosing Insert > AutoText, at which point you'll see all AutoText entries, with the ones you created grouped by style. The second way to insert an entry is to locate it in the list in Insert > AutoText > AutoText, choose it in the scrolling list, then click Insert.

To enable the third, keyboard-driven way to insert an AutoText entry, choose Insert > AutoText > AutoText, and ensure that Show AutoComplete Tip For AutoText, Contacts, And Dates is checked; click OK. Now when you type the name of your AutoText entry in a document, a small yellow AutoComplete window appears showing the beginning of your AutoText Entry; simply press Return, and your entry will be inserted. Bonus tip: If you have



If all of Word's preconfigured entries disappear after you create an AutoText entry (left), it means your new entry is affiliated with another paragraph style. Hold down Return, and they reappear.



The fastest way to insert an AutoText entry is by using AutoComplete—so turn it on.

a large Entourage contact list, you may want to check Exclude Contacts back in the Insert > AutoText > AutoText dialog; I find that William Roadamor's name popping up every time I type the word "will" gets mighty annoying, mighty quickly.

Use AutoCorrect to fix spelling mistakes and autoformat text

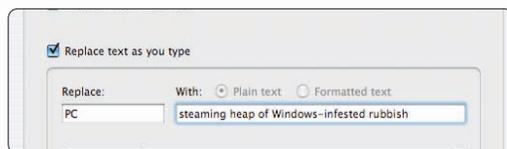
Word's AutoCorrect feature is much like AutoText, but is designed to work automatically, and primarily with short text snippets. Word comes preloaded with tons of AutoCorrect entries—check them out by choosing Tools > AutoCorrect. Note that in addition to using AutoCorrect to keep a helpful eye on your sloppy typing, you can also use it to insert such characters as ™, ©, and → into your Word document, as well as a variety of smiley (and frowny) faces.

Adding to Word's list of AutoCorrect substitutions is as

simple as choosing Tools > AutoCorrect, entering your common typing error in the Replace field and its correct spelling in the With field, and then clicking Add. When you're finished adding your entries, make sure Replace Text As You Type is checked, then click OK and you're good to go—every time you type the erroneous spelling you added, it'll be fixed automatically.

Now this is all well and good, but hardly earthshaking. Where AutoCorrect really shines, however, is in entering longer chunks of text. Remember The Global Fund for the Promotion and Advocacy of the Health Benefits of Maitake Mushrooms? It could simply become the gfpa, and you've saved yourself a ton of keystrokes. The downside to AutoCorrect is that it's, well, auto—make sure that the text you choose as an abbreviation is not a combination that you're likely to enter by accident.

Where AutoCorrect also shines is in its ability to automatically format text. For example, according to the sainted *Chicago Manual of Style*, *MacAddict* is to be written *MacAddict* and not MacAddict. To avoid making such a tasteless error as not remembering to italicize, I select the correctly formatted *MacAddict* in a Word document and choose Tools > AutoCorrect. The AutoCorrect dialog opens



In immature hands, AutoCorrect's word-substitution ability can be used for dastardly pranks.

with MacAddict (unitalicized) in the With field. I then click the Formatted Text radio button, and the preview pane shows the word *MacAddict* in all its MetaNormalLF-Italic, 8.5-point glory. All I now need to do is type madd in the Replace field, click Add and then OK, and every time I type madd in a document, our correctly formatted magazine name will appear. Hey, this may not be that big a deal to a magazine with a name as short and a copy-editing staff as sharp as ours, but if you're the overworked editor of the short-staffed *International Journal of Cosmetic Surgery and Aesthetic Dermatology*, your next deadline just got a bit more achievable.

Use macros to automate tedious and repetitious tasks

It's said that Ben Franklin came up with the oft-quoted line that the definition of insanity is doing the same thing over and over and expecting different results. If he were around today, he'd amend that to declare that the definition of insanity is doing the same thing over and over again when Word macros can do it for you more easily and much, much faster.

Macros automate a series of tasks that you perform on a document or type of document on a regular basis. For example, at *MacAddict* we regularly receive Word documents from contributors that need to be converted into our basic in-house style. I could, of course, reformat each document by hand, but that would be the aforementioned insanity. Instead, I use a Word macro that sets margins, reformats and styles text, ensures that smart quotes (“ and ”) are used, removes extraneous return characters, and performs a variety of other housekeeping chores—all in the blink of an eye. It's a great time-saver.

Word's macro fu is strong, but to unleash all of it you'd need to dig into the comparatively gnarly worlds of Microsoft Visual

Basic for Applications or REALbasic. Fear not, however—there's plenty that Word macros can do even if you limit yourself to its built-in macro recorder. The macro recorder does have one annoying limitation, however: It can't see mouse movements or clicks in your document—one more reason for you to learn the navigation keystrokes.

Using the recorder is simplicity itself. To access it, choose Tools > Macro > Record New Macro. In the Record Macro dialog that appears, give your macro a one-word alphanumeric name and—if you want—a description, then in the Store Macro In pop-up menu, indicate whether you want that macro to be applicable to only your currently open document or to all documents. You can also assign your macro to a keyboard shortcut or to a toolbar, should that float your personal boat.

All you need to do now is click the OK button; a miniscule Stop Recording toolbar-ette will appear, and your recording will begin—Word will keep track of every task you perform and every keystroke you make until you click the square button on the Stop Recording toolbar. When you do, the toolbar vanishes and Word saves your macro.

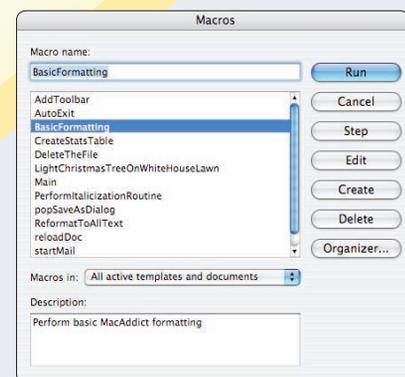
To run your new macro, open the document you want to apply it to, then choose Tools > Macro > Macros. Find your macro in the list, select it, click Run, and sit back as you marvel at how much faster Word is on its own without your pokey paws to slow it down.

There is, of course, one heck of a lot more that Word macros can accomplish; to get a taste of the wide, wonderful world of macros, select Help > Word Help, type macro in the What Are You Searching For? field, click Search, and start reading. Oh, and if you decide to make macros part of your life, choose Word > Preferences > Security, and click the check box in the Macro Security section that's labeled Warn Before Opening A File That Contains Macros. Some macros transmitted by third-party documents—even unbeknownst to their senders—can be nasty fellows. Better safe than sorry.



If an interface simpler than the Word-macro Stop Recording toolbar exists, we can't think of it.

You can create and save any number of powerful macros, then run them whenever the mood strikes you.



Unhand that rodent!

A true Word virtuoso saves time by using keyboard commands rather than mouse clicks. To print a list of shortcuts, go to the Tools > Macro > Macros, and click Word Commands in the Macros In pop-up menu. In the list that appears, select ListCommands and click Run. In the next dialog, select Current Menu And Keyboard Settings and click OK. Word then creates a file you can print. We'll give you our favorites in next month's Field Guide.

Left



 **Bluetooth™**



Noise-Canceling Bluetooth Headphones
i903



*Audio Transmitter included

Bluetooth Stereo Ear Clips
i202



*Audio Transmitter included

7" Portable Multimedia Tablet-Style DVD Player for Your iPod
i1055


iPod with video (30GB, 60GB)



on the go



Movies



Music Video



Pictures



Music



in the car



at home



LOTSTOLUV | www.i-Luv.com

Left



iLuv™



Bluetooth Hi-Fi Audio System for Your iPod® - i199



Bluetooth(Wireless) Multimedia Technology

iLuv patented BluePin Technology is the latest solution allowing you to either send or receive your favorite music between Bluetooth enabled devices wirelessly. This is the only device that allows the user to select to send or receive your tunes between Bluetooth enabled devices. Whether your tunes are on your cell phone, your computer or any other Bluetooth device enhance your listening experience thru the i199 with jAura Speaker Technology and BluePin Multimedia technology.
* Patent Pending



Yes, It's Impressive...

jAura™ technology is similarly incorporated into our AM/FM and iPod stereo system. By matching speaker characteristics with enclosure acoustics and amplifier design, the result is truly impressive sound performance in portable form. Regardless of your musical tastes, you'll experience distortion-free sound at any listening level. Hear it to believe it.
* Patent Pending



Portable Stereo Audio System

i552 v1.1



i552WHT

i552BLK

Rechargeable Battery with Leather | Silicone Cases for iPod with video

i606A | i604



i606AWHT



i604WHT



There are lots of Luv from iLuv. iLuv, BluePin, and jAura are trademarks of jWIN Electronics Corp. The Bluetooth word and Bluetooth logo are trademarks of Bluetooth SIG Inc. iPod is not included. For more information on iLuv products, please call 1-866-807-5946 or 1-516-626-7188, or visit our website at www.i-Luv.com

www.i-Luv.com

Communication Communications

by Niko Coucouvanis

As the Internet evolves and becomes more about collaborating and interacting with your coworkers and fellow netizens and less about holing up in your cave downloading massive porn archives, you need to get familiar with collaborative software. Here then is your Field Guide to the latest überbuzzword that attempts to encompass such things: Web 2.0. Bonus: Most of the following will come preloaded in the next release of Mac OS X, Leopard.



CalDAV (Cal dāv, Cal dave)

WHAT IT IS Distributed Authoring and Versioning for calendars. Like Microsoft Outlook, but on your Mac.

WHY YOU CARE John Donne was right: No man is an island. Workgroups, families, and biker gangs use shared calendars to plan and schedule meetings, events, and outings, and to coordinate the next big rally.

HOW YOU USE IT When Mac OS 10.5 Leopard roars around, its iCal 3.0 will fully support CalDAV. You'll be able to create iCal calendars and share them via a .Mac account or ISP-provided Web space. If you're on a network running Leopard Server, you'll be able to host your calendars on its built-in iCal Server.

ICQ (I seek you—get it?)

WHAT IT IS A messaging system dating back to 1996. Over the years it's been upgraded, and it was eventually bought by America Online, hence the AIM-ICQ interoperability.

WHY YOU CARE You don't have to care; you can already

connect to ICQ users via iChat.

HOW YOU USE IT Download ICQ for Mac (free, www.icq.com); sign up for your free account number, or UIN (universal Internet number; ICQ assigns them sequentially, and currently they're above 200,000,000), log in, and search for friends and chatmates by email address, UIN, or name.

IRC (eye are cee; or irk, as in "tick off")

WHAT IT IS The granddaddy of chat, Internet Relay Chat was created in 1988 and is still used today, but mostly by aging hippies and crusty young punks looking to buck the system.

WHY YOU CARE History is important, and you'll sound smart at cocktail parties. Try this factoid: IRC was used to transmit news through a traditional-media blackout during the Vodka Putsch (August Coup) of 1991—drop that one on a Ukrainian cutie and you're in like Flynn.

HOW YOU USE IT Procure an IRC client such as the time-honored Ircle (free, www.ircle.com) and connect to an IRC server. Then just select a channel—



We said Ircle, not Urkel.

some are wide open, some are moderated, some you can only join by invitation—and chat it up.

Multicast DNS, aka Zero Configuration Networking

WHAT IT IS A service-discovery protocol that sniffs out available services on your local network and lets you connect by name, rather than by IP address.

WHY YOU CARE Do you know the IP address of your network printer, FTP server, or webcam? Aren't you glad you don't need to?

HOW YOU USE IT Click on a Finder window's Network icon, and the list populates itself with server names. Apple released Rendezvous with Mac OS 10.2, then renamed it Bonjour in Mac OS 10.4. Bonus: Download BonjourBrowser (donationware, on the Disc or www.tildesoft.com) to see all of the enabled devices

on your local subnet.



Bonjour replaces arcane server IP addresses with logical names.

RSS (are ess ess)

WHAT IT IS Really Simply Syndication (variants: Rich Site Summary, RDF Site Summary) delivers Web site headlines via XML without all the ads and junk.

WHY YOU CARE Because you're sick of all the ads and junk on your favorite Web site.

HOW YOU USE IT RSS is built into the Safari Web browser. Look for the RSS icon on Web pages and click it to exorcize the site of its ads, images, and other frills. If RSS isn't enough to make you go back to Safari, NetNewsWire is a popular RSS client (\$29.95, www.newsgator.com), and there's a free "Lite" version.



Click the RSS or XML bug to distill the page down to a list of annotated headlines, which you can then bookmark.

VOIP (voyp, vee oh eye pee)

WHAT IT IS Voice Over Internet Protocol. Finally, you can make decent-sounding phone calls over the Internet.

WHY YOU CARE As Lily Tomlin's Ernestine once said, "We don't care. We don't have to. We're the phone company."

HOW YOU USE IT Depending on which VoIP service you use (new ones are sprouting up daily), you install hardware and/or software on your network and/or on your Mac, plug in your telephone (or USB headset for Mac-based VoIP), and let your fingers—or your mouse—do the dialing.

VNC (vee en cee)

WHAT IT IS Virtual Network Computing. More for convenience than security, Virtual Network Computing lets you virtually control another machine, whose screen appears in a window on your Mac and reacts to your mouse and keyboard input over a network connection.

WHY YOU CARE VNC isn't inherently secure, but you can

rock a VNC session over a VPN tunnel (see below) to securely control your office machine while you're home in your skivvies. Even when used for pure productivity, remote control is cool.

HOW YOU USE IT Set up a VNC server on one Mac—it's built into Mac OS 10.4's System Preferences under Sharing—and set up the VNC client on another—we dig Chicken of the VNC for its cool name and zero cost (on the Disc or www.sourceforge.net/projects/cotvnc/). Once Mac OS X 10.5 Leopard pounces, we'll get more built-in VNC technology in the form of iChat Screen Sharing.



Surprise! Mac OS X comes preloaded with a VNC server...

VPN (vee pee en)

WHAT IT IS Virtual Private Network technology lets you create a private network conduit over the Internet—a massively *public* network. Matching data encryption on one end and decryption on the other creates a secure tunnel for your sensitive data.

WHY YOU CARE It's a safe way to access your company's secure network from home. VPN is way, way cheaper than setting up your own secure network—though it's not quite as secure.

HOW YOU USE IT Your friendly network administrator sets up the VPN and creates a personalized login for you; you use the appropriate client software to log in remotely. For added security, some VPNs also encrypt the connecting computers' IP addresses.

WebDAV (Web dāv, Web dave)

WHAT IT IS Web-based Distributed Authoring and Versioning software manages user permissions and tracks ongoing document revisions so authors in different locations can collaborate on common documents without overwriting each others' changes.

WHY YOU CARE Because working in your underwear (aka telecommuting) *rules!*

HOW YOU USE IT Your network administrator sets up the server, and since you use a Mac, you've got DAV access built in—just mount the server and dig in.

Wiki (wick-ee, wee-key)

WHAT IT IS Essentially a Web site that everyone can update. Visit www.wikipedia.org for the ultimate example, and the most thorough definition of the term wiki.

WHY YOU CARE Online collaboration and social networking is the wave of the future.

HOW YOU USE IT Like many advanced server technologies, wiki will come preloaded in the next version of Mac OS X Server.



In the meantime, you can go to www.wiki.com and sign up for a hosted wiki with an address such as <http://myawesomewiki.wiki.com>—or install

Short for *wiki-wiki*, which is Hawaiian for "quick." wiki software on your hosted Web space.

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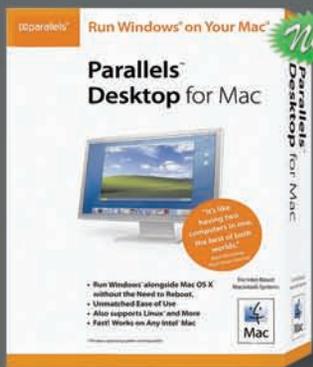
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LaCie's Skwarim (pictured) doesn't look like your typical portable hard drive—but if you're going to carry a storage device with you at all times, you might as well go with something that has a little panache. Next month, we'll take a close look at Quicken Mac 2007 personal-finance software, Lego's Mindstorms NXT robot-construction kit, Sony's Alpha DSLR-A100 SLR camera, and a whole lot more.

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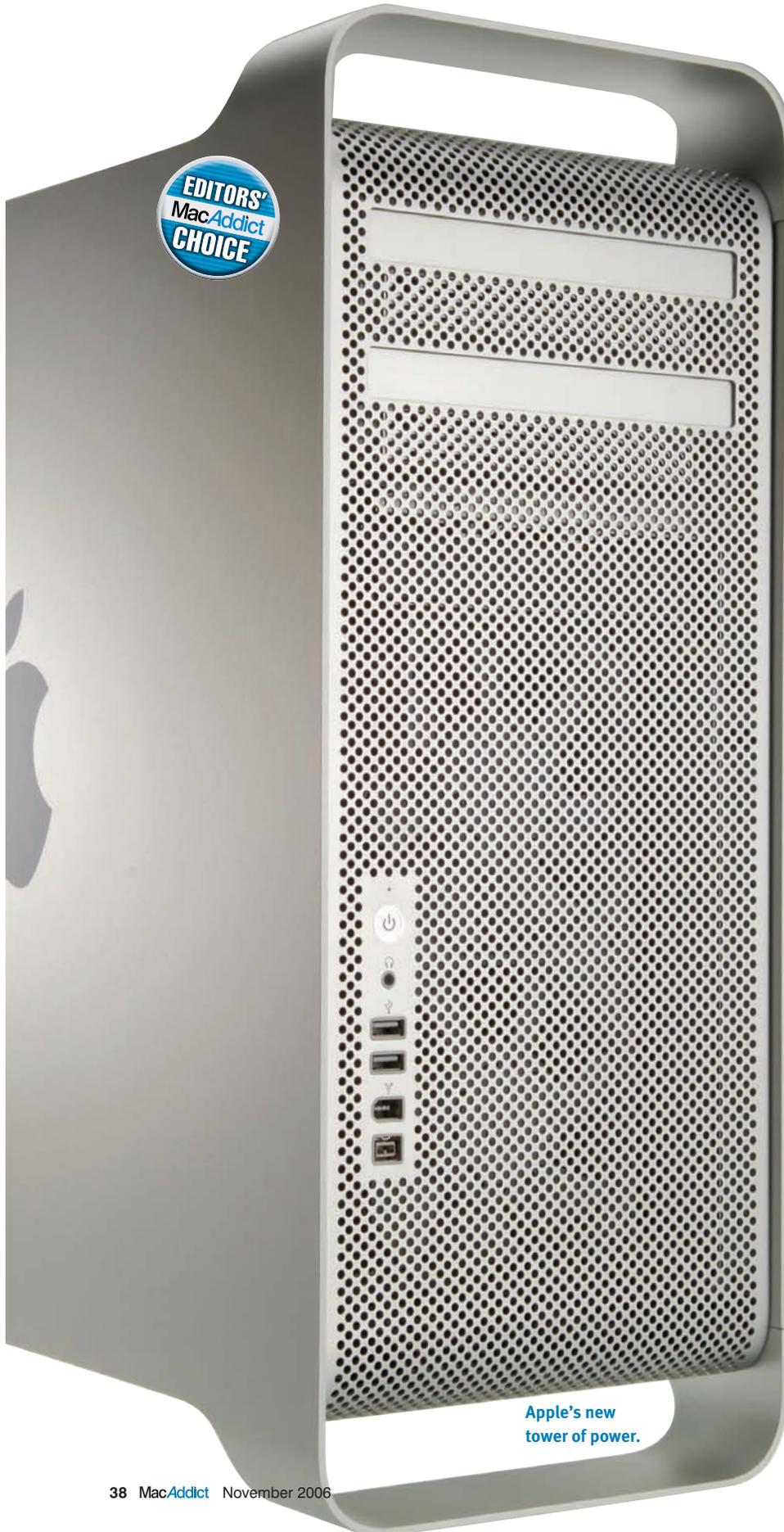
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Mac Pro

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There's one thing we'll truly miss about the Power Mac: its name. Power Mac is—was—a damn cool name, much more commanding than the Mac Pro moniker. But in the whole scheme of things, a name change is a minor lamentation; the Power Mac is already fading from our memory because we've discovered the ultimate Macintosh in the new Mac Pro. It's a burly engineering masterpiece that blazes new territory in Mac history.

Chances are that you've read all about the two dual-core Xeon 5100 processors, the FB-DIMM RAM, and the other specifications, and you've seen the industrial design (if you haven't, go find your Oct/06 copy of *MacAddict* and turn to p18). Be sure to look at the gray specifications box at the end of this review to see what kind of Mac Pro we tested; we're going to focus this review on our hands-on experience with the Mac Pro.

While lifting our Mac Pro out of its box, we discovered that it's one hefty machine: It weighs in at 42 pounds. Our first thought was to write a thank-you note to Apple for the additional front USB port; the front FireWire 800 port is a nice touch, as well. However, the included keyboard, with its two USB 1.1 ports and weak power output (it can't provide enough juice for some flash and micro hard drives), is outdated. Time to update this overlooked piece of hardware, Steve.

When we first opened up the Mac Pro, we took a moment to marvel at its spiffily uncluttered interior design. True, the Power Mac wasn't a rat's nest, but its G5 processors needed king-sized cooling devices that were space hogs—the Quad Core Power Mac, for example, had nine fans and a liquid cooling system; the Mac Pro has a mere four fans. And whenever you ran intensive tasks on the Power Mac, it sounded like a plane was taking off from under your desk. The Mac Pro's fan noise was always at a consistent level; the fan from the Mac Pro's power supply made the most noticeable noise, which we could hear when the Mac Pro was under our desk.

Apple's new
tower of power.

Audible, yes, but nowhere near the noise level of the Quad Core Power Mac. Also, the Xeon processors don't require liquid cooling like the G5 processors in the top-of-the-line Power Macs did.

Adding PCI Express cards proved to be a tricky task due to some tight quarters, but it's no different from adding cards to a Power Mac. Adding a full-length card such as the nVidia Quadro FX 4500 video card (a \$1,650 option) requires finesse and patience, but it'll fit. And we absolutely love the lock-down bracket with built-in screws that secures your PCI Express cards. No more dropped screws rattling around in the processor bay. Hooray!



The new hard drive chassis provides easy access to the Mac Pro's internal drives.

Another feature that we absolutely love: the four SATA hard-drive bays. Compared to the Power Mac's bays (which always confounded us with their slide-in-and-up design), the new bays are much more accessible, making it easier to swap and add drives. The latch that releases the Mac Pro's side cover also releases the hard-drive bays; you simply attach a chassis to a drive (they're numbered 1 to 4 so you can keep your drives in order) and slide it into the bay until the connector clicks into place. When you replace the side cover and close the latch, the hard drives are secured. Fortunately, you get four drive chassis even if you buy your Mac Pro with a single hard drive.

The Mac Pro comes with two bays for optical drives, one with a 16x, double-layer SuperDrive preinstalled. The chassis for the drives fits snugly at the

top of the Mac Pro; pull it out and you'll find a pair of ATA/100 connectors and a pair of power connectors. All you have to do is screw in your drive, attach the connectors, and slide the chassis back in its slot. Easy enough. Like the hard-drive chassis, the optical-drive chassis locks into place when you close the rear latch.

The RAM installation is another example of user-friendly Apple design. The Power Mac had RAM slots directly on the motherboard, and it wasn't hard to reach in and install RAM—though for ham-handed folks, the space may have

run the risk of your RAM running too hot, resulting in more fan noise and your RAM clocking down its access speed in order to maintain a proper temperature, which could affect the performance of your Mac Pro. To see what would happen when using standard FB-DIMMs, we installed standard FB-DIMMs from Crucial (www.crucial.com). We didn't notice an increase in fan noise, nor did we experience any system crashes, despite performing several intensive tasks. We did notice that our Adobe Photoshop CS2 results with 2GB of RAM

were 5 percent slower compared to our results with FB-DIMMs that fit Apple's specifications. Crucial does sell FB-DIMMs designed for the Mac Pro, as do Other World Computing (<http://eshop.macsales.com>) and Trans International (www.transintl.com).

To gauge the speed of the Mac Pro, we ran a comprehensive series of application-based tests. We used Universal versions of iLife '06, Final Cut Studio HD 5.1.1, Compressor, Motion 2, and Aperture 1.1.2. We ran all our tests on the Mac Pro and the Quad Core 2.5GHz Power Mac G5, which both had 2GB of RAM, a 500GB hard drive, and a 512MB nVidia Quadro FX 4500 video card. The Power Mac had its processor performance



Everything's in its proper place.

been cramped. However, the riser cards that the Mac Pro uses make a world of difference; it's more convenient to pull out a riser card and access the RAM slots out in the open (the riser cards are in line with two fans located at the front of the Mac Pro; air travels through the processor bay, over the RAM, and out the back).

It's important to note that Apple uses FB-DIMMs that have different cooling requirements than standard, third-party FB-DIMMs. Apple says that if you decide to use standard FB-DIMMs instead of FB-DIMMs that meet Apple's specs, you

set to Highest.

In our Final Cut Studio HD 5.1.1 render test, the Mac Pro was 13 percent faster than the Power Mac. When encoding a video in Compressor, the Mac Pro was 7 percent faster. In our Motion 2 RAM preview test, the two Macs had similar speeds. When we used QuickTime Pro to convert a digital video file to an H.264 QuickTime movie, the Mac Pro was 3 percent faster. In Aperture we ran two tests, a 175-RAW-file import and a 175-file TIFF export, and in both tests the Mac Pro was 19 percent faster than the Power Mac. If you feel

disappointed by the marginal speed gains with pro applications, consider that an Apple spokesperson assured us that the company is working hard to further optimize its code for the Intel Macs. Chances are good that we'll see new software revisions that will provide bigger boosts.

In most of our iLife '06 tests, the Mac Pro left the Power Mac in the dust. When applying the Black & White video effect in iMovie HD, the Mac Pro was an impressive 56 percent faster than the Power Mac. In our iPhoto photo-import test, where we brought 198 high-resolution JPEGs into iPhoto, the Mac Pro was 65 percent faster than the Power Mac. The Mac Pro was 11 percent faster than the Power Mac when we performed GarageBand's Send to iTunes function. And when we converted 11 WAV files ripped from our *Slammin' All-Body Band* CD to AAC format, the Mac Pro was 17 percent faster than the Power Mac. These aren't just marginal differences—these gains are significant.

In two of our iLife '06 tests, we found no speed difference between the two Macs. We weren't surprised that this happened in our iDVD test that creates a OneStep DVD from a movie; the SuperDrive proves to be the bottleneck in this task. The two Macs also had identical speeds when applying a Quartz Composer Sepia Tone video effect in iMovie HD. When we ran other Quartz Composer video effects in iMovie HD (Bloom, Color Monochrome, Crystallize, and Exposure Adjust), both Macs continued to finish at the same time. The reason for the identical performance: Both Macs were using the same 512MB nVidia Quadro FX 4500 video card. An Apple spokesperson told us that Quartz Composer speed is dependent on the

graphics processor; we used the same card in both Macs, which explains the identical results.

We also tested the Mac Pro's speed with non-Universal apps to see how much of an effect Rosetta (Apple's technology that lets you run apps that don't use Intel-native code) has on performance. In earlier testing with the iMac, Mac mini, MacBook, and MacBook Pro, we've found that an Intel-based Mac can run slower than a comparable PowerPC-equipped Mac when running a non-Universal

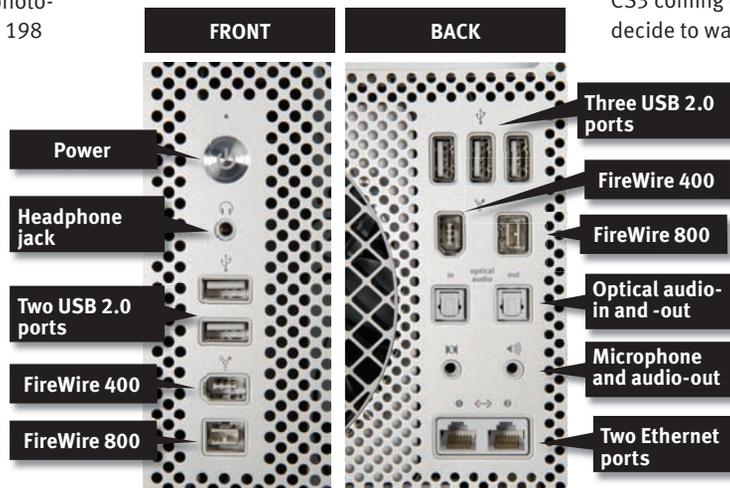
or 70 percent). Making this adjustment ensured that the added memory was available for Rosetta to use. Boosting the memory made a small difference—the Mac Pro reduced the Power Mac's lead by a measly 3 percent. You could add more RAM beyond 4GB and possibly see improved Photoshop performance, but then you start to drift into cost considerations. For example, to upgrade from 4GB to 8GB, you have to shell out an extra \$1,400 to \$1,600. With a Universal version of Photoshop CS3 coming out next year, you could decide to wait for the new software to

arrive and just grin and bear Photoshop CS2 instead of buying a ton of RAM. But if Photoshop is where you make your living, then you've already considered adding more than 4GB of RAM.

We also used Doom 3's benchmark tool to gauge the gaming performance of the Mac Pro. Considering that the Mac Pro and the Power Mac that we used

for testing had the exact same video card, the results are remarkable. The Mac Pro's average framerate was 122 frames per second, which blew away the Power Mac's 53 frames per second. What's great about this result is that it not only illustrates the power of Intel-native code on Intel processors, but also demonstrates the improvements in processing power of the Xeon CPUs.

The bottom line. Not only does the Mac Pro have a lot to offer now, but it has the potential to pay fat future dividends once pro apps are Intel-icized. When rolling out the Intel-based Macs, Apple saved the best for last.—*Roman Loyola (Special thanks to MacAddict Contributing Editor Helmut Kobler and Maximum PC Senior Editor Gordon Mah Ung, who contributed to this review.)*



application. As we expected, the Quad Core Power Mac was faster than the Mac Pro—27 percent faster when performing our Photoshop CS2 Action test on a 100MB file, 23 percent faster when exporting a file in Adobe InDesign CS2 as a PDF, and 33 percent faster in our Adobe Photoshop Elements 4 Auto Smart Fix test.

We then took our Rosetta testing one step further. We boosted the RAM in both Macs from 2GB to 4GB to test the theory that with more RAM for Rosetta to use, the Mac Pro's Photoshop speed would improve. At 4GB, we adjusted Photoshop's memory usage (Photoshop > Preferences > Memory & Image Cache) to 1,382MB (45 percent), so that it closely matched the memory allocation we used at 2GB (1,372MB,

COMPANY: Apple
CONTACT: 800-692-7753 or 408-996-1010, www.apple.com
PRICE: \$2,499 base model; \$5,478 as tested
SPECIFICATIONS: (as tested) two 3GHz dual-core Intel Xeon processors, 4MB shared L2 cache per processor, 1.33GHz dual independent

frontside buses, 2GB 667MHz DDR2 fully buffered DIMM ECC RAM, 500GB 7,200 rpm Serial ATA hard drive, 16x double-layer SuperDrive, 512MB nVidia Quadro FX 4500 video card, Bluetooth 2.0

GOOD NEWS: Impressive performance with Universal applications. Elegant industrial design inside and out. Easy-to-access hard drive bays. More front panel ports.
BAD NEWS: Performance hit using nonnative apps with Rosetta. Heavy. Noticeable fan noise.



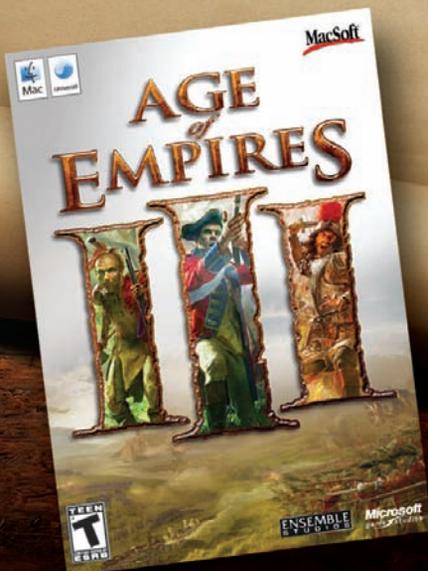


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A new Age dawns on Macintosh in late October 2006.



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-GameSpy

"Age of Empires III is a superbly balanced and polished game..."
-IGN



www.macsoftgames.com



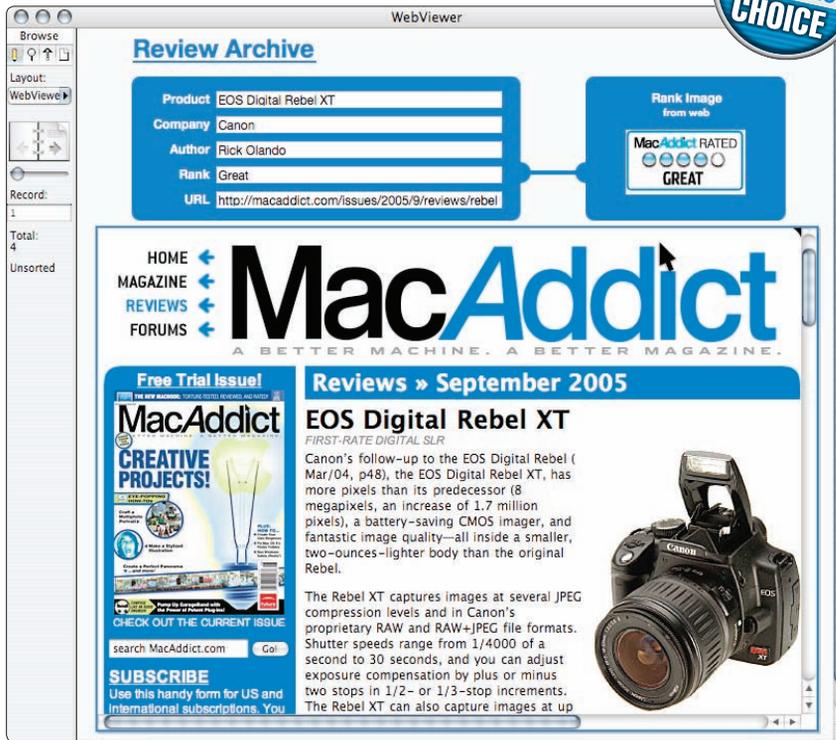
ENSEMBLE
STUDIOS

Microsoft
game studios

MacSoft

FileMaker Pro 8.5

WEB-ENABLED DATABASE SOFTWARE



FileMaker's new Web Viewers can display live Web content inside your database.

and constructs the URL calculation for you.

While the Web Viewer is clever technology, its usefulness may not be readily apparent. FileMaker Pro has been able to construct a URL and hand it off to your default browser for years. But the Web View feature lets you access the HTML code in the Web Viewer so you can parse information out of the Web page and incorporate it into the database. For example, you can use the Web Viewer to check a Web email account and save the messages in your database, or load the local weather forecast and let FileMaker log the information for you; developers are already starting to create content and services specifically designed for the Web Viewer. One of the first of these, a charting system from iSolutions (www.isolutions-inc.com) called ICE, is expected to be available by the end of the year. ICE uses the Web Viewer and Flash to display a variety of charts and graphs on your FileMaker layouts.

For pros, FileMaker 8.5's standout feature is named layout objects. Anything placed on a layout—such as fields, graphics, and buttons—can now be assigned a name using the Object Info window. Used in conjunction with the new Go To Object script step, you can now script the activation of tab controls and place the focus on any layout object. Best of all, unlike the Go To Field script step, the target of a Go To Object call can be calculated at run-time. This subtle difference opens up many opportunities to minimize script complexity and enhance reusability. A new Get Layout Object Attribute function can be used to obtain one of 17 attributes of named layout objects.

The bottom line. FileMaker Pro 8.5 doesn't have an avalanche of flashy new features, and PowerPC users who don't need the Web Viewer or named layout objects don't have to rush out and upgrade. Serious developers will find object naming worth the move up from 8.0, while Intel Mac owners should jump on this update and enjoy the ride.—Stuart Gripman

The release of FileMaker Pro 7.0 in 2004 was a major event—the flagship database application was totally rewritten and endowed with many new capabilities, all without sacrificing usability. Two years later, FileMaker Pro is still settling into its new format. Version 8.5 doesn't lavish us with many new features, but professional FileMaker developers will appreciate the new ability to name layout objects. Existing users with Intel Macs will find this upgrade irresistible, while those still in the PowerPC camp may be somewhat less compelled.

FileMaker 8.5's headliner is that it's now a Universal app. The company claims performance gains of up to 91 percent compared to similarly equipped PowerPC Macs—and our testing bore out those claims as we discovered

how much faster it now is to add or delete records. Other operations, such as replace, sort, find, and summary calculations, are also noticeably faster. If you're running any previous version of FileMaker Pro on an Intel Mac, moving to version 8.5 and getting out from under Rosetta will speed things up by a factor of two or three.

Universal support alone doesn't lend itself to splashy screenshots on the box; this is where FileMaker Pro's new Web Viewer steps in. The Web Viewer allows you to create FileMaker layouts with Web-browsing capabilities. A Web Viewer can be configured to load a static URL, or use record data and FileMaker Pro's calculation engine to construct URLs dynamically. FileMaker Pro gives you a head start on some of the more common sites you may want to query

<p>COMPANY: FileMaker CONTACT: 800-725-2747, www.filemaker.com</p>	<p>PRICE: \$299, \$179 (upgrade from version 6 or 7), \$99 (upgrade from version 8) REQUIREMENTS: Mac OS 10.3.9 or later, 256MB of RAM</p>	<p>GOOD NEWS: Awesome Intel performance. Layout object naming. BAD NEWS: New features may not justify upgrade for PowerPC users.</p>	<p>MacAddict RATED GREAT</p>
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Mac games
for fun people

Bejeweled 2®



Zuma®



Bookworm®



macfun.com

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NuLOOQ Professional Series

UNIQUE AND USEFUL
INPUT DEVICE



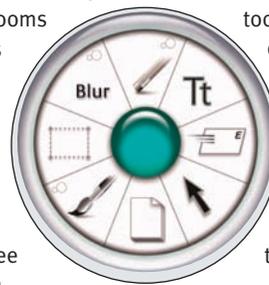
The NuLOOQ Professional Series is a USB input gizmo and mini-application that's innovative, slightly addictive, and changes the way you work—for the better, that is.

Logitech developed NuLOOQ in cahoots with Adobe as a productivity-enhancing Adobe CS2 tool (it was recently expanded for use with Photoshop Elements 4 and, theoretically, any app for which you care to configure it). The solid, well-made USB device, the NuLOOQ navigator, resembles a knob controller with an iPod-like clickwheel.

The gray plastic midsection of the navigator, known as the navring, has just enough give that you can either twist or nudge it a few millimeters in any direction, and we found the navring to be the most useful part of the NuLOOQ navigator. Twisting the ring zooms in or out, and nudging it pans across the photo, layout, or illustration. The clickwheel on top of the NuLOOQ navigator has buttons on its north and south ends that call up application-specific tool parameters. Three buttons across the wheel can be programmed to access frequently used tools. The touch-sensitive wheel (also called the tooldial) is used to make parameter adjustments. For example: You can select Photoshop's rubber stamp with your mouse, call up master diameter using the tooldial's top navigator button, and adjust diameter by swiping your finger along the

perimeter of the wheel. **Change the way you work in Photoshop.** It sounds complicated, particularly when you consider that you're using your nonmousing hand, but it's easy to operate.

The included NuLOOQ tooldial software (also sold separately) is a key part of the NuLOOQ system. Completely customizable, the tooldial is a small wheel with eight wedges, each of which contains a frequently used tool. Some tools are associated with extended menus, which you can activate to reveal as many as eight submenus in a ring around the tooldial. Using a customizable key combination (or a navigator or mouse button), you call up the tooldial wherever your cursor is onscreen. You can configure multiple tooldials for use within your CS2 or other applications.



With the NuLOOQ tooldial, software tools are just a click away.

The NuLOOQ system is supposed to promote efficiency—you're not traversing the vast territory of your monitor to select tools and parameters. It didn't take long to learn how to use it with Photoshop and InDesign CS2, but it takes longer to integrate it into your standard workflow and routine. While we found NuLOOQ useful, we didn't find it as indispensable as a tablet.

The bottom line. If you have the time, patience, and motivation to introduce another device into your creative toolkit, this could be the beginning of a beautiful relationship.—*Michael J. Shapiro*

COMPANY: Logitech
CONTACT: 800-231-7717, www.logitech.com
PRICE: \$79.99 (controller and software), \$19.99 (software only)

REQUIREMENTS: Mac OS 10.4.4 or later for controller, Mac OS 10.3.9 or later for software, 1GB of RAM, 50MB disk space

GOOD NEWS: Well made. Easy to learn for Adobe apps. Customizable. A potential boost to productivity.

BAD NEWS: Requires practice and changes the way you work.

MacAddict RATED
GREAT

Contour Cargo Notebook Backpack and Messenger

SMART NOTEBOOK BAGS

The Contour Cargo Notebook Backpack and Messenger are made of water-resistant nylon and both have plenty of pockets. We like the bottom accessory pocket; you can put anything in this pocket, but Kensington has your unwieldy cables and adapters in mind.

Kensington thoughtfully put a hole through the MP3 player pocket cover

Gadget garb.



for your earphone cables. Contour bags have DropShield, a padded pocket with a Velcro strap that can hold 15-inch or smaller 'Books.

A unique feature of the Backpack is its adjustable lumbar support bar. The bar helps shift the weight of the Backpack to your hips, so you don't tire as easily while you lug your stuff around. It's a good idea, but if you're tall (over 6 feet) or have a long torso, the bar ends up pressing against your mid to lower back instead of your hips. Ouch.

The bottom line. We like Kensington's Contour bags.—Michelle Victoria

COMPANY: Kensington **PRICE:** \$79.99
CONTACT: Backpack, \$59.99
 800-235-6708, Messenger
 www.kensington.com **REQUIREMENTS:** 15-
 inch or smaller 'Book

GOOD NEWS: Lots of pockets. Good construction.

BAD NEWS: Adjustable lumbar support doesn't fit tall folks. One color combination.



IP-N111

CORDLESS IPOD NANO SPEAKER STAND

The IP-N111 seems like a good idea. It's a 4.2-inch round speaker stand with a slot for your iPod nano. It uses three AA batteries (included) and is completely cordless. Designed with portability in mind, the IP-N111 is bonehead easy to take along with you—just flip off the power switch, pop it in your bag, and you're off.



Remember to remove the iPod nano before you use the IP-N111 as a hockey puck.

The problem starts when you play music. The IP-N111's speaker sounds like a cheap alarm-clock AM radio, and it's about as loud as a cruddy transistor radio from the pre-Walkman era. Unfortunately, adjusting the EQ settings on the nano doesn't help, either. Speaking of the nano, the IP-N111 is made strictly for it—there's no audio-in jack to connect other devices, nor is there a power adapter option. When the folks at Macally wanted to make this thing cordless, they meant cordless.

The bottom line. If you value portability above everything else—way above everything else—then the IP-N111 may be worth the \$39.99.

—Roman Loyola

COMPANY: Macally **PRICE:** \$39.99
CONTACT: **REQUIREMENTS:**
 909-230-6888, iPod nano
 www.macally.com

GOOD NEWS: No wires.

BAD NEWS: No audio in. Not worth 40 bucks. Poor sound quality.



Fashion Accessories for the iPod

By iStyles.com

Skins Give your iPod a new look in seconds and protect it from abuse at the same time. These ready-to-apply iPod full-color skins are printed on premium grade adhesive-backed cast vinyl and come with ultra-high resolution full-color designs. The skins are then covered with a clear protective layer for ultimate durability. All of the full-color skins use a patented repositionable and removable adhesive backing for fast, easy and accurate installation and goo-free removal.



Silicone The iStyles Silicone are silicone cases for the iPod that are made from a special smooth silicone rubber material that not only feels smooth and good, but also doesn't attract dust or become sticky like normal silicone cases. Just touch it to feel the difference!



Leather iStyles Leather Cases are made using the finest luxury leather and comes in three different models - Leather Clip Cases, Leather Slim Cases and Leather Wallet Cases.

The Leather Clip Cases are stylish and functional protective cases for the iPod that come with a versatile velcro clip that attaches the case almost anywhere for complete functionality and freedom.

The possibilities are endless - the case can be attached to sports armbands, belts, bags, straps, and more. The Leather Slim Cases are stylish slim protection for the iPod. These are the slimmest leather cases available for the iPod. The Leather Wallet Cases for iPod are stylish and complete protection for the iPod. These cases are for those who want all-round protection for their iPods, with protection for even the screen and clickwheel. The case opens up like a wallet and includes a card slot.

Sleeves iStyles Sleeves are made for the iPod using specially selected quality fabrics or high grade leather. The insides are then lined with a micro-fiber cloth that not only protects the iPod from scratches, but also polishes and cleans the device as it is placed inside the sleeve. In addition to the style and fashion statements that they make, iStyles Sleeves are designed to protect the iPod.



Protectors The iStyles Silicon Protectors are innovative protection for the iPod that feature an outer hard coated protective film and an inner silicon rubber layer. The outer layer is specially designed to withstand scratches and is anti-reflective, while the inner silicon layer acts as a cushion against small knocks and bumps.

buy now at: www.iStyles.com **iStyles**

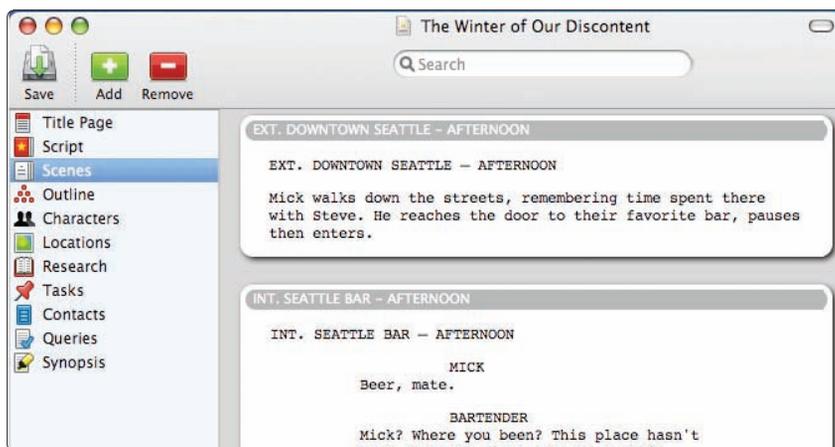


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The Scenes view (one of 10 views in Montage) sorts your script by scene.

- ▶ you can paste images into the Notes fields. Contacts in the Contacts view are synchronized with Mac OS X's Address Book, so if you alter information in either app, the change is reflected in both.

Valuable Montage features include

format import (including Final Draft, RTF, and text documents); export to RTF, Microsoft Word, or PDF; Smart Views, which are handy for script reviews and custom script breakdowns; and a full-screen view that takes over your entire

display so you're not distracted.

We did have a problem with MORE and CONT'D labels (which are used when dialogue breaks across pages) when creating a new script using a blank template. While they appeared in a printed copy, they didn't appear either onscreen or in an exported PDF copy of our script. Other issues: Although contacts are integrated with the Mac's Address Book, tasks are not integrated with iCal. Montage can perform an automatic backup, but there's no way to set the time interval between backups. And changes to a style don't affect text already using that style. Mariner Software told us that addressing the retroactive-style-change issue is its top priority.

The bottom line. Montage 1.0 is a well-organized app that should gain acceptance by the industry once more screenwriters try it.—Mike Hubbartt



COMPANY: Mariner Software
CONTACT: 612-529-3770,
www.marinersoftware.com

PRICE: \$139.95 (download),
\$149.95 (boxed)

REQUIREMENTS: G4 or faster, Mac OS 10.3.9
or later, 128MB of RAM, 20MB disk space

GOOD NEWS: User-friendly and intuitive. Contacts are integrated with Address Book. Smart Views filter content.
BAD NEWS: Can't specify auto-backup interval. Tasks aren't integrated with iCal. Style changes aren't retroactive.



MacJournal 4

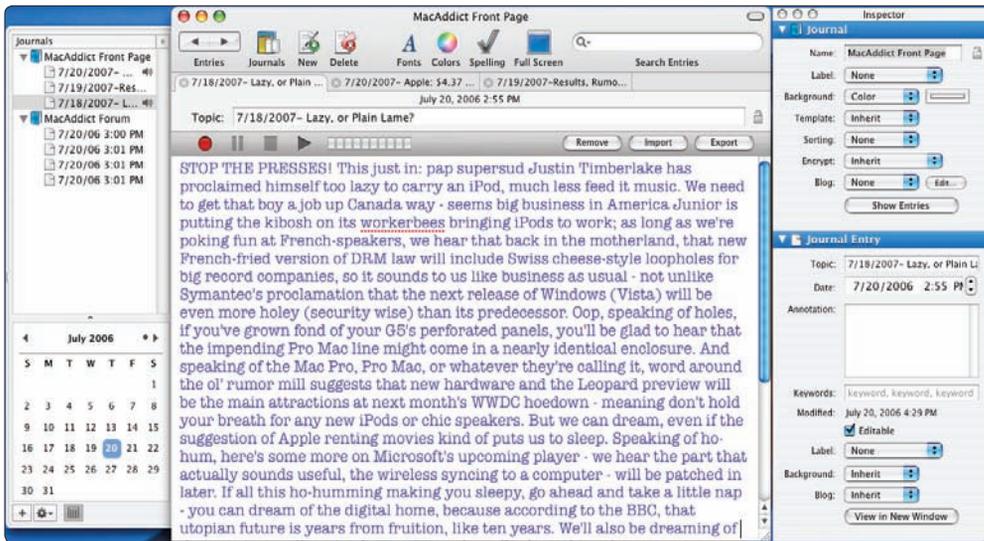
EVOLVING JOURNAL SOFTWARE

Journal keeping has come a long way from the glory days of quills and parchment. While we're sure that there are many people out there who prefer to use a pen and paper to keep a journal, your Mac can be a handy tool for your daily writing. MacJournal is a

(you don't click on the Export button that appears in the Recording Bar; that button exports only the audio and doesn't have the XML file you need for RSS). However, your excitement will be tempered when you find out that the tools are for recording only—you're on

audio file for a podcast—MacJournal has no problem keeping your audio file as part of your journal entry.

MacJournal now works as a content-entry tool for blogs that use Blogger API, LiveJournal API, Movable Type, MetWeblog API, Atom API, and .Mac; if you don't know which blog type to use, MacJournal's user guide suggests you consult your blog provider. The app still needs some work before it can be considered a primary blogging tool.



MacJournal can help you keep a journal, update your blog, and record basic podcasts.

capable application for standard, text-based journals, and the latest version introduces features for blogs, podcasts, tabbed browsing, entry attributes, live smilies, and AppleScript. While some features are helpful, others seem incomplete.

It's easy to get excited by MacJournal's new and user-friendly podcasting support, which makes it simple to record a basic, one-person podcast. Just plug in a mic, press Command-Option-R to make the Recording Bar appear, click the Recording Bar's Record button, and talk—the recording is made in low-complexity mono sound, encoded at 64kbps at 44.1kHz, and exported only in unprotected AAC (.m4a) format. When you're done talking, click to stop the recording, and then export the podcast for publishing by selecting Entry > Export

your own when your podcast is finished exporting, since MacJournal has no features to help you upload your podcast to the Web. Also, there's no way to append to an existing audio entry. Ugh. By the way, you don't have to export your

We had problems using it to access online blogs—sometimes we couldn't access our blog server. An image placed in a journal entry wouldn't upload, nor could we link to an image we uploaded manually. When we tried downloading blog entries from a blog, we got a mishmash of missing entries, missing images, missing styling, and missing links. Unfortunately, there's no troubleshooting information in the manual; you have to turn to the support forum on Mariner Software's Web site.

We do like many of MacJournal's other new features, such as its Web browser-like tabs for viewing multiple journal entries. The tabs appear below the toolbar, and they're convenient for switching back and forth between entries. Smilies and Web links now show up in-line while you're typing, rather than only after you've saved.

And MacJournal now has AppleScript support—you could add, for example, an AppleScript-based batch exporter.

The bottom line. Its blogging tools need improvement, and for basic podcasting, MacJournal works—but you still have to do most of the distribution work yourself. While some journal keepers are enamored with the notion of the old-fashioned pen-and-paper method, MacJournal remains a solid tool for anyone who feels comfortable using a Mac to keep a journal.—Mary E. Tyler

TIP **HOP ON THE BLOGWAGON**
Whaddya mean you don't have a blog? Shame on you! You could use .Mac (\$99, www.mac.com) and iWeb (part of iLife '06, \$79, www.apple.com), but here are some free blogging tools. Some will place ads on your blog—if you don't want ads, you gotta pay.

- Blogger** www.blogger.com
- Blog.com** www.blog.com
- GreatestJournal** www.greatestjournal.com
- LiveJournal** www.livejournal.com
- Open Diary** www.opendiary.com
- WordPress** www.wordpress.com



COMPANY: Mariner Software
CONTACT: 612-529-3770,
www.marinersoftware.com
PRICE: \$39.95 (boxed), \$34.95 (download),
\$139.95 (family five-pack), \$14.95 (upgrade)
REQUIREMENTS: Mac OS 10.3.5 or later

GOOD NEWS: Helpful tab interface. Easy audio recording tools.
BAD NEWS: No uploading features for podcasts. Blog tools need work.

MacAddict RATED
SOLID



Stylus 720 SW

WATERPROOF AND SHOCKPROOF
POINT-AND-SHOOT CAMERA

About the size of a deck of cards (it measures 3.6 by 2.3 by .78 inches), the 7.1-megapixel Stylus 720 SW has a 3x optical zoom lens with a 35mm-camera focal-length equivalent of 38mm to 114mm and a maximum aperture of f3.5, and it can store 19.1MB of images. Shutter speeds range from 1/1000 to 4 seconds, and there are 28 scene modes.

The camera records images in JPEG format only, and has eight image resolution settings from 7.1 megapixels down to 640 by 480 pixels. Shutter lag (the time between the press of the shutter button and the actual picture being taken) is negligible, and shot-to-shot time is less than a second, even when shooting at 7.1 megapixels.

The 720 SW has a Digital Image

Stabilization mode to reduce camera shake—the camera's ISO is upped to as high as 1,600 to allow shooting at faster shutter speeds (the ISO range is from 64 to 1,600). It's a poor man's solution, but it worked well with prints up to 4 by 6 inches. Larger photos, though, showed noise.

The 720 SW has PictBridge; we got excellent images printing directly to an Olympus P-11 dye-sub printer. For serious work, we used a Mac and an Epson Stylus Photo 2200, which produced sharp and color-perfect 12-by-15-inch images.

If we had any quibbles with the 720 SW, it's that you have to keep your left



You can take the Stylus 720 SW into the deep end of the pool—as long as the deep end is 10 feet or less.

hand's fingers from getting in the way of the lens and LCD. Also, when you review images on the LCD, the camera displays data that intrudes on your image for two seconds, and there's no way to turn it off. We even dropped the camera a few times (on purpose) and submerged it in a koi pond to see if it kept on tickin' after it took a lickin'. It did.

The bottom line. We easily fell in love with the Stylus 720 SW.—Arthur Bleich

COMPANY: Olympus
CONTACT: 888-553-4448,
www.olympus.com
PRICE: \$399.99

REQUIREMENTS: Mac OS 9 or later,
or Mac OS 10.1 or later, USB

GOOD NEWS: Shock- and waterproof. Excellent image quality. Strong flash.

BAD NEWS: No viewfinder. Skimpy printed manual. Annoying info overlay during image playback.

MacAddict RATED

GREAT

The stylish dock for your snippets...

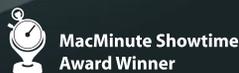


"iClip is to computer work what a tool belt is to the construction worker. At MacZOT, we use it for quick support emails, image clippings, company info we want to send at a moments notice, and as an all around holding place for important data bits that don't fit elsewhere."

— **Brian Ball**
founder of MacZOT.com



iClip
Simply useful.



See what all the buzz is about at www.inventive.us

Does your Mac do TV?

It will, with EyeTV!



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Watch, pause and rewind full screen television directly on your Mac. **Record** TV shows and take control of your schedule with the help of a built-in, searchable Program Guide. **Edit** recordings to remove unwanted content, or create short video clips. **Export** your recordings to your iPod® in one easy step. Sit back, and **enjoy**.



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eyetv2 Software



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Digital Recorder With Video Converter
and Game Mode



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visit www.elgato.com

elgato

Fast Track Pro

EXCELLENT AUDIO INTERFACE

The Fast Track Pro is a USB-based MIDI interface for connecting microphones, instruments, and MIDI devices. It's a well-thought-out, mobile product that offers more than its low price might suggest.

The Fast Track Pro has two front-panel mic/line inputs and a headphone jack on the front. The rear panel has two balanced 1/4-inch outputs, four RCA-style outputs, and digital S/PDIF. Unlike the ones on the original Fast Track USB, the front mic/line inputs here are phantom powered so you can plug in condenser microphones without an externally powered preamp. Couple that with the fact that the Fast Track Pro is powered through USB, and



We love it when products are as well designed as this one.

you have fewer cables to deal with—that's good mobile design. It even has a Kensington lock port, like the kind you find on notebook computers. That means you can secure the Fast Track Pro to a workstation. How comforting.

Additional inputs and outputs include MIDI-in and -out ports and, our favorite, two insert jacks, one for each of the front audio inputs. The insert jacks allow you to route the input signal to an external audio processor, such as a compressor or an equalizer, and then back into the unit. This feature makes the Fast Track Pro well suited for recording vocals and live instruments that can use a bit of processing before they're laid down on tape.

The Fast Track Pro is capable of recording up to 24-bit, 96kHz audio—for USB, that's pretty darn impressive. In order to record in 24-bit/96kHz, you have to deactivate Outputs 1 through 4 and use the headphone jack to monitor the signal. Otherwise, the maximum is 24-bit/48kHz—with the limited bandwidth of USB, some compromises had to be made.

The bottom line. The Fast Track Pro is perfect for mobile podcast recording and is quite suitable for on-the-road musical recording. The Fast Track Pro is an excellent and affordable choice.—*Andrew Tokuda*

COMPANY: M-Audio
CONTACT: 626-633-9050,
www.m-audio.com
PRICE: \$249.95

REQUIREMENTS: 600MHz G3 or
faster, Mac OS 10.3.9 or later, 256MB
of RAM, USB

GOOD NEWS: Internal phantom power. Insert
jacks. Direct monitoring.

BAD NEWS: USB bandwidth limitations.

MacAddict RATED



ChatFX 1.2.1

WACKY ICHAT SPECIAL-EFFECTS SOFTWARE

Among the announcements made at Apple's Worldwide Developers Conference (see "The Best Gets Better," Oct/06, p18) was iChat 4.0, which will let you use Core Video effects and still or movie backdrops during video chats. But don't wait for Leopard—you can get them today with Script Software's ChatFX.

ChatFX works with iChat to provide 61 different video-chat effects. The effects use Apple's Core Video technology to

create the effects, which means you need to have Mac OS 10.4 or later to use the software. Several of ChatFX's effects, such as Comic Book 3, X-Ray, Fish Eye, and Thermal, are similar to effects that you can find in Apple's Photo Booth.

ChatFX also comes with a few nifty blue-screen effects that let you drop in a movie or still-image background, which means you need to be able to hang

a sheet, blanket, or paper behind you. The background doesn't have to be blue—the blue-screen effects let you chose a key color, so if you decide to use a pink sheet, you can have ChatFX key out the pink. The main problem with the blue-screen effects is that you have to manually type in the path to the file you want to display—there's no familiar Browse button to let you navigate to the file you want. You'd think that after a few minor revisions from version 1.0, this would be fixed, but it's not. Bummer.

ChatFX isn't required on the recipient's end to see the effects—we could even see the effects on a Windows XP client running AIM Triton 1.3.30.1.

The bottom line. For a mere 20 bucks, ChatFX adds plenty of pizzazz to your video chats.—*Roman Loyola*



Don't wait for Mac OS 10.5 to enhance your video iChatting.



COMPANY: Script Software
CONTACT:
www.scriptsoftware.com
PRICE: \$20

REQUIREMENTS:
Mac OS 10.4 or later, iChat, iSight

GOOD NEWS: Fun effects. Flexible blue-screen effect. Affordable. You can have Leopard-like effects now.
BAD NEWS: Some effects are intensive and can bog down you Mac. Unfriendly interface components.

MacAddict RATED

SOLID

Blinkit® the iPod® Fun light

Flash



Chillin'



Flash to Beat



Flashlight



multiple colors, unlimited beats • light up your world



www.blinkitnow.com

Intuitive Devices, Inc. 266 N. Santa Cruz Avenue Los Gatos, CA 95030

iPod® is a trademark of Apple Computer, Inc. Blinkit® is a trademark of Intuitive Devices, Inc.

Yellow cap not shown!

Skwarim

PRETTY, PORTABLE DRIVE

Before you scoff at the Skwarim portable hard drives because of their looks, give us a second. If you're like us *MacAddict* editor types, you're probably carrying around some sort of storage device with you at all times anyway—either a flash drive or a portable hard drive. So why not carry something with a little bit of pizzazz to it, like LaCie's Skwarim?

Karim Rashid, a designer whose clientele includes Alessi, Audi, and Giorgio Armani, designed Skwarim's case. The plastic cutie has a USB connector that conveniently tucks away when not in use. Plug it in, and an activity light emanates from the case where the USB connector is located. LaCie thankfully includes a color-



It's a hard drive, not a coaster.

matching USB extension cord, because the USB connector has a short reach and the Skwarim's bulkiness could get in the way with a crowded USB hub.

Using Xbench (free, www.xbench.com) to gauge the speed of the Skwarim

drive, we found that both the 30GB (pink) and 60GB (blue) drives clocked in speeds of 10.5MB per second on both the Sequential Uncached Write and Sequential Uncached Read test. Decent speeds for USB, but if you deal with large files, spend a few extra dollars on a drive with FireWire.

LaCie includes some nifty software with the drive, including LaCie Backup (a backup utility), SilverKeeper (a folder-synchronizing tool), and Silverlining (a hard-drive management app).

The bottom line. For basic file transport, the Skwarim drives add a little bit of panache, but if you need speed, opt for a drive with a FireWire 400 or FireWire 800 connector.

—Roman Loyola

COMPANY: LaCie
CONTACT: 503-844-4500,
www.lacie.com
PRICE: \$149.99 (pink, 30GB),

\$199.99 (blue, 60GB)
REQUIREMENTS: Mac OS 9 or
later or Mac OS X, USB

GOOD NEWS: Good software bundle. What's fashion for some...
BAD NEWS: ...is folly for others.



iPod Showcase

Banshee Listening Station



The only 5.0 surround system in a single listening station.

Shatter the perceived limitations of audio for your iPod with a massive 50 watts of peak output power. The Banshee's patented technology produces ultracrisp midranges with deep and powerful bass. Available at RadioShack, select Circuit City stores, Discovery Channel Stores, and Chicago-area Abt Electronics locations.

www.BansheeAudio.com
312-474-6108

Leather nano Case



Protect Your Music™ with a Premium Form-Fit Leather Case by Case-mate™

Rich, Napa leather surrounds an impact-resistant plastic shell. Signature lining secures your nano or iPod. Each case comes with a full-face screen protector and fully removable belt clip.

www.case-mate.net
866-689-3432

iPod Mounting Solutions



Taking your music with you is even easier with ProClip!

ProClip mounting solutions are the best way to mount your iPod in your vehicle. The mount clips on in seconds without interior damage. For details on ProClip mounting solutions for your iPod as well as your other devices, visit:

www.proclipusa.com
800-296-3212

Marina Computer Handbag

FASHIONABLE NOTEBOOK BAG

Hey, ladies! This 'Book bag is practical, functional, and a bit feminine without being too girly. The Marina Computer Handbag's ballistic nylon exterior is available in black, chartreuse, brown, peacock blue, strawberry, and soft yellow. The floral-patterned interior is padded to cushion your 15-inch 'Book, and the bag's rubber bottom won't wear out. We only wish it had an iPod pocket.



Tote your 'Book in style.



The bottom line. Inside and out, there's a lot to like about the Marina Computer Handbag.—Michelle Victoria

COMPANY: Timbuk2 **PRICE:** \$80
CONTACT: 800-865-2513, **REQUIREMENTS:** Notebook Mac
www.timbuk2.com

GOOD NEWS: Stylish. Durable.
BAD NEWS: No iPod pocket.



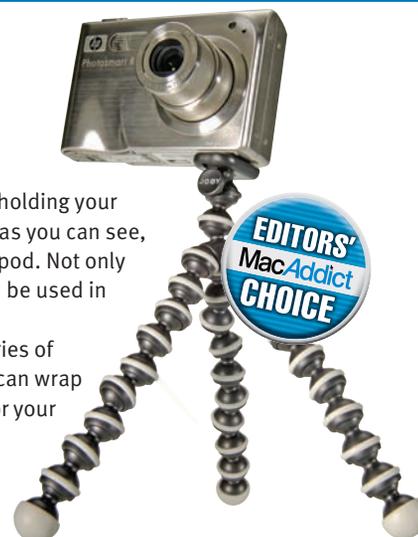
gorillapod

FLEXIBLE TRIPOD

Your typical mini tripod is limited to holding your camera on level, flat surfaces. And as you can see, the gorillapod isn't your typical mini tripod. Not only does it have a unique design, but it can be used in ways you may not have thought of.

The three legs are composed of a series of joints, making each leg bendable. You can wrap the legs around a pole, a tree branch, or your arm, or you can adjust them for uneven surfaces. The legs are stiff enough to stay in place, and the rubber feet have good grip. At its full height, the gorillapod is almost 6.5 inches tall.

The bottom line. If you have a compact point-and-shoot camera, the gorillapod is well worth its affordable price. If you have a SLR camera, you can get a SLR-compatible gorillapod for \$49.95.—Roman Loyola



Give your camera legs.

COMPANY: Joby **PRICE:** \$21.95
CONTACT: 888-569-5629, **REQUIREMENTS:** Camera with tripod mount
www.joby.com

GOOD NEWS: Portable. Sturdy. Unique design.
BAD NEWS: You'll need to shell out a few extra bucks for a SLR-sturdy gorillapod.



iPod Showcase

Elite Audio Gear

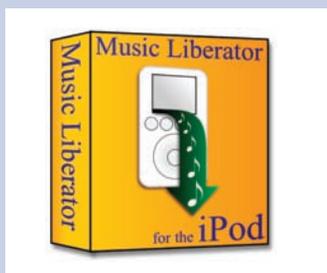


6i Isolator Earphones deliver detail, balance, comfort, and value.

The in-ear secure fit reduces background noise so you can listen at safe levels. Hear crisp, clear music inside your head. Great for travel and working out. Available online or at Apple Stores and other retail locations worldwide.

www.etymotic.com

iPod Music Liberator



Liberate your music.

The iPod Music Liberator lets you copy music, videos, playlists, and ratings from your iPod to your computer, a key feature missing from iTunes. With the iPod Music Liberator you can recover music from your iPod if your computer crashes, make a backup of your music, and move music to another authorized computer. If you have an iPod, you need the Music Liberator. Visit our site and email us the code A816 for a chance to win an iPod nano!

zeleksoftware.com/liberator.htm

Icuiti iWear



See the big picture with Icuiti's iWear.

iWear is a personal big-screen display that will transform your small 2-inch screen into a large, private 35-inch home theater. It attaches to and draws power from the iPod's bottom dock connector and is worn like a pair of sunglasses.

www.icuiti.com

Edirol R-09

SUBLIME PORTABLE DIGITAL-AUDIO RECORDER

With portable digital audio recording devices such as the Edirol R-09 around, there's no need to use a portable tape recorder anymore. The Edirol R-09 is small, light, and has a useful set of recording features. Is it perfect? Not quite—but it's close.

Measuring 2.5 by 4.06 by 1.25 inches and weighing less than 6 ounces (with batteries), the Edirol R-09 fits comfortably in a shirt pocket. Its straightforward recording and playback controls also navigate through the R-09's easy-to-set options. By pressing the Menu button, you rename, delete, and get information on the audio files. By holding the same button down, you access the R-09's setup menu, where you can set the audio format, format the SD card, adjust the brightness of the display, and more.

The white-on-black display is easy on the eyes, and you get all the feedback you need. Particularly nice is the responsive, animated level meter. It's crucial to have snappy visual meters so you know that there's no distortion. The useful 30-step input level control allows you to use the R-09 for recording a quiet conversation or a deafening rock concert.

On the back of the Edirol R-09 are four smart features. The first is a switch to set mono or stereo recording, depending on the microphone you're plugging into the R-09's 1/8-inch mic jack—recording from a single-channel microphone sends the signal to only one side of the stereo field. The mono switch records the mono microphone signal to both sides of the stereo field so it sounds dead center. Thank you, Roland.

The second switch is AGC, or Automatic Gain Control, which, when turned on, automatically adjusts the volume level of the audio during recording so that the level is fairly



loud stereo system. The result was surprisingly clear and undistorted. Did we thank you already, Roland?

The last switch on the back is the Low Cut switch. This is the kind of feature that is especially useful in indoor, air-conditioned environments. In our tests, the Low Cut switch eliminated the rumble of an office building's environmental system, resulting in a very clean recording.

The audio quality of the Edirol R-09 is excellent. The 24-bit, 48kHz WAV format ensures high-fidelity audio for when you absolutely need it. You can fit almost an hour of stereo audio on a 1GB SD card.



The four switches on the back of the unit help you get great results in a variety of recording conditions.

You may not like the sound of the price, but you'll love the quality of the sound.

consistent. This is helpful for recording group meetings, where voices at different distances from the unit's microphone would normally result in voices at different volumes. Thanks again, Roland.

The third switch, Mic Gain, can be turned to Low or High. Most recordings can be made at High, but the Low setting is a must for loud environments. While we couldn't get this unit into a venue to record a metal concert, we were able to record in a car with a ridiculously

When you need longer recording times and not-so-high fidelity, you can record as MP3 files. On a 1GB card, you can fit about 980 minutes of 128kbps MP3 stereo audio. If, for some reason, you need to record longer times, you can use a bigger card (up to 2GB) and/or knock the MP3 bit rate down to 64kbps. Crazy, but you *can* do it.

The bottom line. The Edirol R-09 is one of those great products that just might be too expensive for casual use yet not suitable for a picky professional sound designer. It is, however, a quality portable recorder for capturing events, meetings, interviews, and podcasts.

—Andrew Tokuda

COMPANY: Roland
CONTACT: www.edirol.net
PRICE: \$450

REQUIREMENTS:
Mac OS 10.2 or later, USB

GOOD NEWS: Excellent audio quality. Great microphone. Smart feature set.
BAD NEWS: Pricy. Reverb feature superfluous.



GAME REVIEW

IN THE GROOVE

ENERGIZING DANCE GAME

In the Groove is a Mac version of those popular dance video games you see the young-uns hoppin', steppin', and groovin' to at the video arcade. Like in other dance games, arrows float to a point on the screen to tell you where to step on your dance pad at the appropriate time. You can use the keyboard, but c'mon, buy a USB dance pad (\$30 to \$250). We used RedOctane's Ignition Pad 3.0 (\$79.99, www.redoctane.com), and it worked fine. Roxor says you can use any dance pad, though you may have to go into the game's options and map out the pad's buttons. Also, some dance pads don't work when you stomp on two directions (left and right, up and down) simultaneously.

In the Groove's music isn't your typical video-game fare—these are dance-club-quality tracks from artists such as E-Rotic,



Groove to over 80 songs, all of the electronic dance variety.

Kyle Ward, Sammi Morelli, and others. The game has different levels, which range from a step every few beats to multiple steps that'll have your feet moving athletically. Rewards for mastering the difficult steps include secret songs, new dances, and more.

The bottom line. You'll have a good time with In the Groove. —*Roman Loyola*

Hey, you try pressing Command+Shift+3 on the keyboard while hopping on a dance pad.

COMPANY: Roxor Games
CONTACT: 877-904-9634, www.inthegroove.com
PRICE: \$39.99 (without dance pad)
REQUIREMENTS: Mac OS 10.2.8 or later

GOOD NEWS: High-energy, high-quality music. Gets you off your butt.
BAD NEWS: Out of shape? You'll be sucking wind.

MacAddict RATED
 GREAT

COMING SOON

Make Warlords, Not Peace

Civilization IV: Warlords is the first expansion pack for the Civilization IV game. The new Great General units have unique abilities (they can be sacrificed in order to build an Academy, for example) but now attach themselves to your military units and venture out into battle. Charismatic leaders will have faster unit promotion, and Imperialistic leaders will get Great Generals faster, while Protective leaders depend on walls and structures for tactics. New civilizations join the game, including Carthaginians (lead by Hannibal), Vikings (Ragnar), Koreans (Wang Kon), Celts (Brennus), Ottomans (Mehmed II), and Zulus (who return with Shaka). Expect new Wonders, such as the Great Wall and the University of Sankore, more units, and more resources. There are seven new scenarios, such as the Omens scenario in which you fight a religious war in the new Americas.—*Matt Osborn*

CIVILIZATION IV: WARLORDS DEV/PUB: Aspyr, www.aspyr.com
 AVAILABLE: TBD ■ PRICE: TBD



“NoteBook is a must-have if you’re using your computer as a true digital hub.”
Tera Patricks, Mac360.com

“NoteBook is now open on my desktop all the time.”
Shawn King, Host/Exec.
Producer, Your Mac Life

ACTIVATE YOUR IDEAS

download a FREE DEMO at
www.circusponies.com



CIRCUS PONIES
NOTEBOOK
organization for a creative mind



NoteBook is available at:
CompUSA and the Apple Store



COMING SOON

CrossOver Goes Beta

CodeWeavers' CrossOver Mac (\$59.95, www.codeweavers.com) recently entered the beta stage, and you can download a trial version of the beta from CodeWeavers' Web site. The software allows you to run Windows software on your Intel-based Mac without needing a copy of Windows installed. For gamers, that means you *might* be able to run Windows-only games such as Halo 2 or Dungeon Siege on your Mac.

We say “might” because—as our experience with the CrossOver beta has shown us—there’s still a lot of work to be done. CrossOver’s list of supported Windows software is only 30 apps long, and there’s only one game on it (Half-Life). You can attempt to install an unsupported application, but sometimes it

works and sometimes it doesn't. CodeWeavers is working hard to improve the software—the new beta is a vast improvement over the early alpha versions we saw.—*RL*

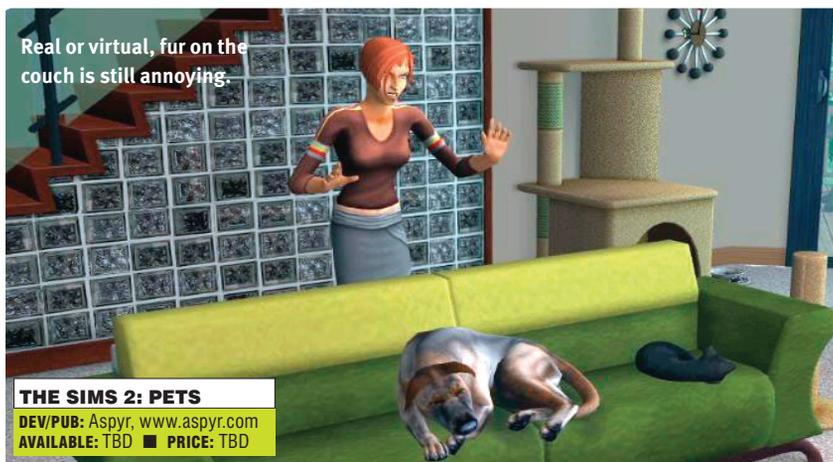


Your unsupported Windows software may not work with CrossOver.

COMING SOON

The Sims 2 Goes to the Dogs

With The Sims 2: Pets expansion pack, your Sim can now have a pet for a bit of companionship. You get more than 40 breeds of cats, dogs, and other fuzzy nibblers, plus the ability to make your own breed by mixing and blending traits, so you'll be making Aussidoodles and Boxweilers aplenty. Your pets will have two unique needs along with the other Sim needs: Scratching and Chewing. Go to the pet emporium to purchase toys and treats, run the Pet Care Center as a vet, or visit Central Park to play and visit with other Sims and their pets. You can even pick up a stray from the neighborhood, as well. Although your human Sims still run the show, these pets live, have careers (show business, security, and so on), breed, die, and go to doggie heaven.—*MO*



Real or virtual, fur on the couch is still annoying.

THE SIMS 2: PETS
DEV/PUB: Aspyr, www.aspyr.com
AVAILABLE: TBD ■ PRICE: TBD



Bring in the wood!

TIPS AND TRICKS

Age of Empires III Tips

This fall, Age of Empires III (\$49.95, www.destineerstudios.com) is finally coming to the Mac. Before you take on an online opponent, however, it pays to be prepared—even experienced players can still get owned when playing Age of Empires III online. Follow these tips and you'll rule the roost in this real-time strategy game.—*MO*

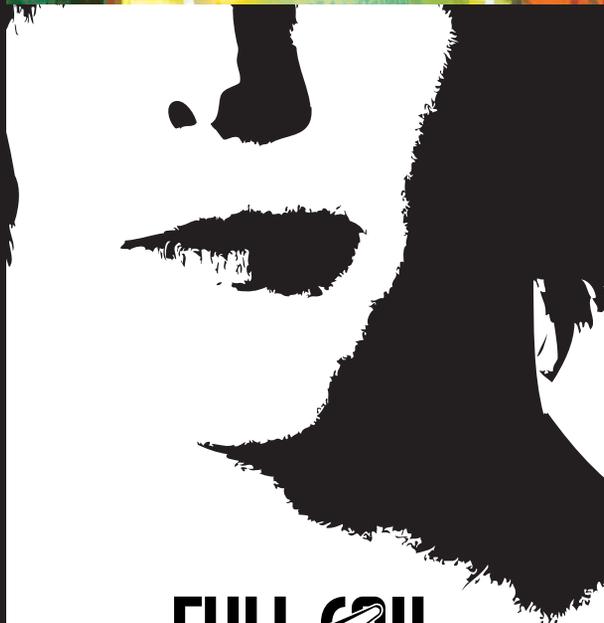
- Try to get at least 10 settlers on each resource, with a total of between 60 and 80.
- Gather tons of wood right before you hit the second age. You'll need a lot for improvements, buildings, and the like.
- To save time, use hot keys and the group function, and watch that idle-worker button.
- Look for the Native American symbol near your opponent's score early in the game. If it's there, prepare for a rush.
- When rushing, don't forget to use your minutemen. They are great against pikemen and dopplesoldners*.
- Know what units counter best: Heavy infantry counters heavy cavalry; heavy cavalry counters artillery and light infantry; light infantry counters heavy infantry and light cavalry.

* Note to non-AOEers: No, that's *not* a typo.

SCHOOL OF: COMPUTER ANIMATION > DIGITAL ARTS & DESIGN > ENTERTAINMENT BUSINESS > FILM > GAME DEVELOPMENT > RECORDING ARTS > SHOW PRODUCTION & TOURING



SCHOOL OF DIGITAL ARTS & DESIGN



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ask us

RADIO PIRATE

In my iTunes library, I have a number of songs that I got off the Internet (yes, it was legal) with the iTunes radio-signal icon beside them. They are listed as MPEG Audio Streams. Problem is, when I try to burn them to a CD, I get an error messages that says, "Only files on your computer's hard drive can be burned." How do I burn these guys?

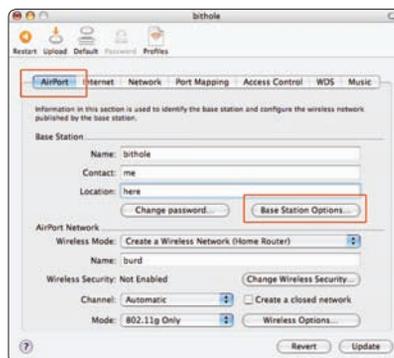
Getting those songs certainly was legal, because they aren't on your Mac at all—what you see in your iTunes list are pointers to MPEG audio streams from Internet radio stations (hence the radio-signal icon). You can click on the pointer to access the audio stream (provided you're online, of course), but we're no enablers, so you'll have to figure out for yourself how to record them onto your Mac and burn them from there—if you're legally entitled to do so.

PHONE HOME

You showed us before how to access a home network from somewhere else ("Tap Into Your Home Network

Remotely," Feb/06, p60), but I can't find the setting in my AirPort Admin Utility. Where is it?

You're looking for the Default Host setting (usually referred to as the DMZ on non-Apple routers). Launch AirPort Admin Utility, click the AirPort tab, and select Base Station Options. In the resulting sheet, click the box labeled Enable Default Host At and enter the IP address of the Mac you wish to access remotely. Note the base



Enabling a default host can be risky—maybe that's why the setting is so well hidden.

station's external IP address and hit the road; when you enter the base station's IP address in a Web browser, you'll be rerouted to the designated default host. Note that the default host/DMZ Mac is essentially running naked in the wild, so some hacker creep with a network prober could sniff out the unprotected Mac, log in, and have his way. See our webcam article (p62) for more on infiltrating your home network in the interests of home security.

iPOD SOLO

How do I stop iTunes 7 from opening automatically whenever I charge up my iPod?

It's somewhat counterintuitive, but you need to make this setting from inside iTunes 7. Plug in your iPod, launch iTunes (er, scratch that—yours launches automatically), and click the iPod icon in the Devices section of your source list. When the iPod screen loads, uncheck Open iTunes When This iPod Is Connected in the Summary tab.



You have to connect the iPod to tell it not to launch iTunes.

BEGONE, BURNS

First of all, as a Cambridge geek, I'm ultratolerant of many people and many things, but Ken Burns has me grabbing for my Zoloft. I've unchecked the Ken Burns Effect in my iPhoto Slideshow panel, but he continues to pan and zoom my photos relentlessly. And how do I stop slides from changing automatically, so I can change them when I feel like it?

quick answers

M4V AIN'T FREE

I understand the whole theft/piracy thing, but is there any way I can add a music video purchased from iTunes onto a page within my iWeb site?

Apparently you *don't* understand, but that's OK. Nobody's figured out an easy way to unlock the iTunes Music Store's

M4V video format—yet—so we couldn't tell you how if we wanted to (and, no offense, we don't want to).

DUAL DOCKAGE

I've tried all of the Dock switchers and managers, but none of them allow me to have two Docks on my screen at once. Is that just not possible?

We've also dreamed of such a double-Docked beast, but have never seen one, so it might not exist. Readers? Any help?

RINGTONE REDUX

Thanks for your article on custom

ringtones ("Create Your Own Ringtones," Aug/06, p64), but there's another option for people without Bluetooth: www.mobile17.com, where you can create your own free ringtones and send them directly to your phone. Thanks for the tip!

DOUBLE DIP

Help! My Apple Menu suddenly has some duplicate items. Please make them go away.

Those extra items are a sign that VoiceOver is enabled. Unless you want or need your Mac to talk to you, open



No whining—anyone can do this!



It'll take some effort, but you can do it.



This stuff's for the pros.



UNIX UNIVERSITY

iPOD LINUX

I hear that you can put Linux on your iPod and run things like Doom and an encyclopedia. Could this hurt my iPod or take away the ability to listen to my tunes?

We must tell you firstly that Linux on the iPod is very much a work in progress and not recommended for most users. But yes, you can run a Linux operating system on your early-model iPod (versions for the iPod nano and video-capable iPods are in development). Linux hippies have been doing it for years using free software from the iPodLinux Project (www.ipodlinux.org), which has indeed spawned nifty tricks including a miniature, clickwheel-driven version of the original Doom, as well as other games, a text editor, a video player, and more. But should you do it? iPodLinux shouldn't impact your playlists, preferences, or other settings (but it's still under development, which means you shouldn't count on it to *not* monkey-wrench your iPod). Regardless, using the iPod as a standard hard drive is generally considered a bad idea. The

demands of running a complex operating system—constant hard disk and processor use—cause extra wear on the hard drive and generate extra heat, which is a bad thing inside an iPod since it has no fan, nor any vent holes.

Frankly, if you really want to try Linux, your iPod isn't the ideal testing ground—and neither is your main Mac, because reinstalling Linux generally requires reformatting the hard drive. Use that old G3 Power Mac that you don't use anymore, or go drop some coin on an old iMac (we see plenty on eBay today for under \$100). Finally, Linux comes in many flavors, but these days the cool kids are using Ubuntu Linux (free, www.ubuntu.com), which comes preloaded with all kinds of user-friendly, graphical software that doesn't require superhuman smarts to use. Linux has come a long way.



Doom on an iPod looks something like this, only faster—barely faster.

Ah, how we hate to love poor Ken Burns. The slideshow settings in iPhoto's main interface apply only to selected images. Click the Settings icon to lay the groundwork for your entire show, including time per slide, transitions, and the Ken Burns Effect. Leave the option to Show Slideshow Controls unchecked, 'cause there's a suaver way to control the action. Just tap your spacebar to pause, and use the forward and back arrow keys to mosey through the slides at your own



Like many an annoyance, Ken Burns is everywhere.

pace. This also works with your Front Row-equipped Mac's remote control—but you have to upgrade to Mac OS 10.4 and iPhoto 6 to get that feature.

NEGATIVELAND

I left my 2-year-old with my Mac for five minutes, and now the entire display looks like a film negative! How do I change it back?

Your tyke must've mashed the right four-key combo (Control-Option-Command-8) to invert your screen colors. Press that combo again to set things right, or open System Preferences > Universal Access, and under Display, toggle White On Black back to the default Black On White.



Whoa, I gotta lay off the fried cheese.

Niko Coucouvanis never met a Mac he couldn't beat into submission, yet he knows that one will someday replace him.

System Preferences > Universal Access and turn VoiceOver off—or simply press Command-F5, which is probably how you inadvertently toggled VoiceOver



on in the first place.

What next, those gum-chewing twins?

SILENCE!

Can you please find a way to turn off the annoying sound that plays as the Mac boots up?

We know of at least two ways to neuter the startup chime: StartupSound.PrefPane (free, on the Disc or www5e.biglobe.ne.jp/~arcana/StartupSound/index.en.html) and Mac Pilot (\$19.95, on the Disc or www.koingosw.com),



which isn't quite free but has tons of additional Mac-customizing tricks up its sleeve.

Submit technical questions or helpful tips directly via email (askus@macaddict.com) or c/o MacAddict, 4000 Shoreline Ct., Ste. 400, South San Francisco, CA

Secure Your Home with a Network Cam



by Niko Coucouvanis

WHAT YOU NEED

Internet connection (broadband preferred)

AirPort Extreme Base Station (\$199, www.apple.com) or other broadband router

Axis 207 (\$264.95, www.amazon.com) or other Mac-compatible network camera



Busted!
Thanks,
netcam!

Webcams aren't just for exhibitionists anymore—the technology that brought us JenniCam.org now provides wireless convenience, stealthy motion-sensing activation, and other slick tricks. Best of all, network cameras work independently on the network, so you don't have to leave your Mac running. A few different cameras work this

way; when combined with the dozens of broadband routers available, you have thousands of possible configurations. We'll walk you through two, one using the Ethernet-connected Axis 207 camera, and one using stuff you might already have: a Mac, an iSight, and \$10 worth of software.

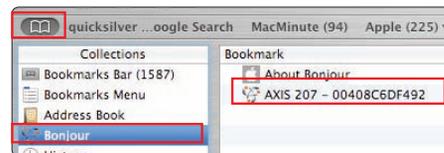


Using the Axis Cam

This scenario works well in your home—or, for that matter, in your college dorm room, where you'll probably need a router to divvy up the single network connection that's tied to your student ID. You'll want to place the camera within Ethernet range of your Mac.

1 Plug It In and Sniff It Out

First configure the camera to play nice with your home-network router. Attach one end of the provided Ethernet cable into the camera and one end into an available client port on your network router or hub. Then attach the camera's power adapter and wait a moment while the camera boots up—there's essentially a little computer inside. Open Safari and click the bookmarks icon at the far left of the Bookmarks Bar, then select Bonjour to see any Bonjour-enabled devices on your local subnet. Double-click the Axis camera's entry to access the camera's onboard, Web-based configuration page and live preview. If you're not using Safari, get Bonjour Browser (free, on the Disc

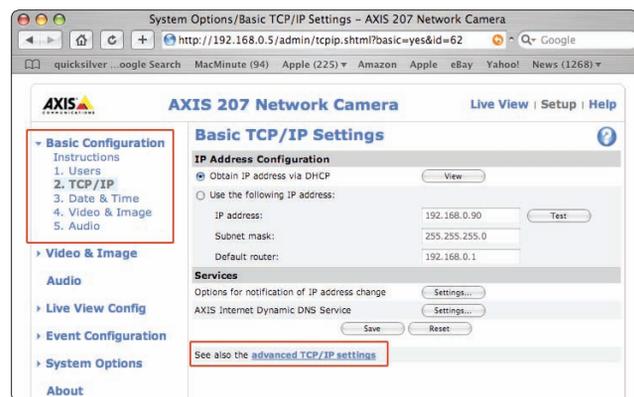


Finding your camera is simple, if you know where to look.

or www.tildesoft.com), which shows you a list of everything on your subnet and the associated IP addresses. If both Safari and Bonjour Browser fail to see the camera, see "Subnet Blues," p64.

2 Configuration Station

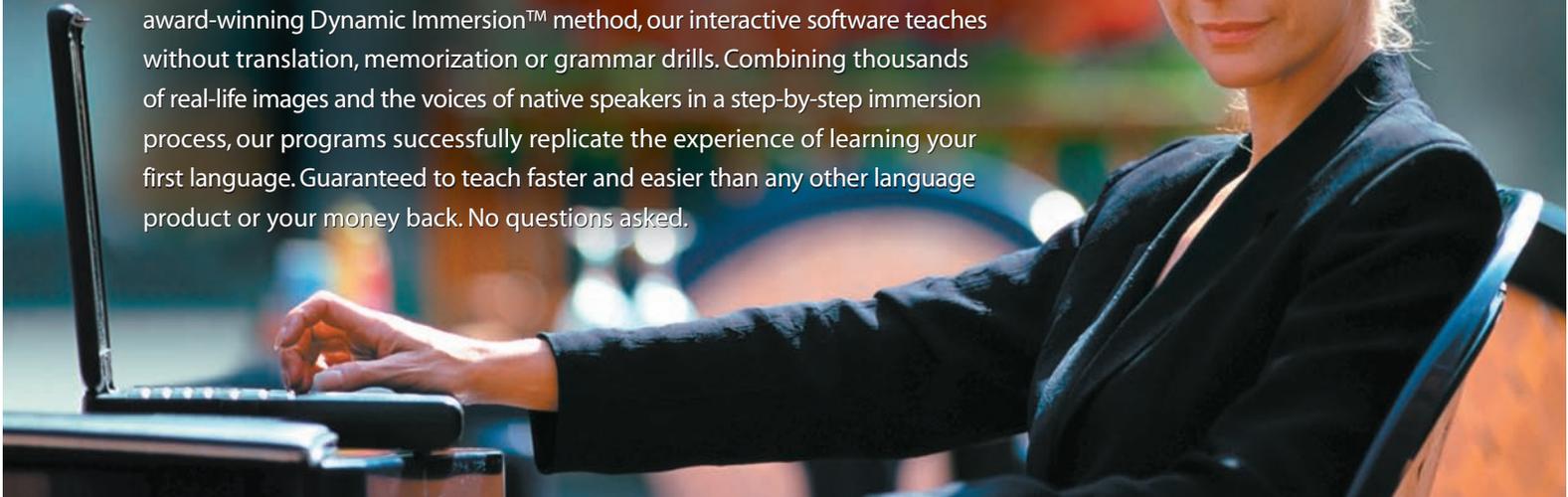
The first time you access the camera, you'll be prompted to set a master (root) password. On the Axis configurator's main page, click Setup and then click your way through all of the configuration screens indexed on the left side of the window. Most are self-explanatory, but we'll show you the key ones. First, under Basic Configuration > TCP/IP, don't change the default Obtain IP Address Via DHCP (you can see in the screenshot that we also entered IP information manually, because we installed the camera on a wireless adapter that is within range of several different routers—we had to specify a default router). The real fun is under Event Configuration, where you can kick it into motion-activated, security-cam mode. Select Event Configuration, then Event Settings from the resulting menu. We set the camera to email us a short video whenever it detects a change in the view. To make the email work, dig down to System Options > Network > SMTP (email), enter your ISP's email-server information, and send yourself a test email.



The Axis configurator has tons more options than we cover here, so you'll want to poke around in your free time.

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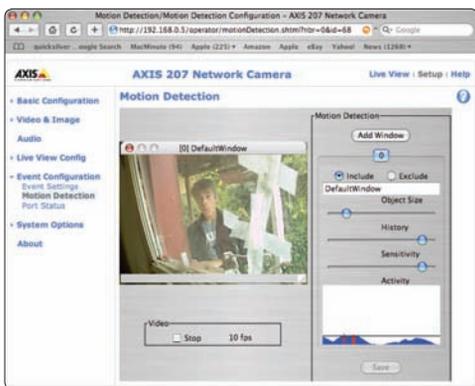
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3 Set Up the Setup

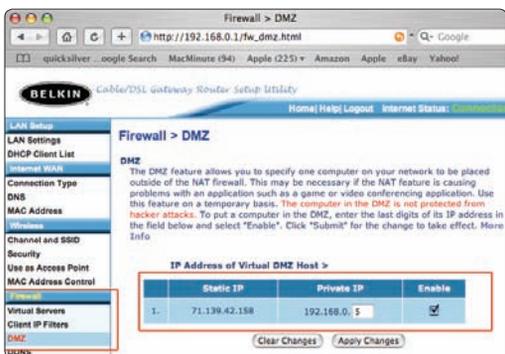
If you're using the camera's motion-detection feature, install the camera where you want it to live before you fine-tune the detection—especially if you plan on pointing it out a window, where the wind can easily create enough motion in the scene to activate the camera, resulting in tons of false-alarm videos flooding your inbox. Select Event Configuration > Motion Detection, get in front of the camera with a MacBook if you can (otherwise, a friend can help), and tweak the Object Size, History, and Sensitivity sliders until you're happy with the amount of change in the frame that triggers the camera—the red bars in the Activity monitor indicate detected motion.



Mount the camera in its final location before tweaking the motion-detection settings.

4 Circle Back to the Router

When the camera has been set up, go back to your router's configuration page or the AirPort Admin Utility. If your router has such a setting (our Belkin, D-Link, and AirPort routers do), set the client IP-lease to a good, long time (or forever, in some cases) so the camera will always use the same internal IP address. Find your router's DMZ setting, enable it, and enter the camera's IP address. If you're an AirPort user, click the AirPort tab and select Base Station Options, and then click the box labeled Enable Default Host At and type in the camera's IP address. Notice in the screenshot below that our Belkin router shows the WAN (Static) IP address on the same page—if yours doesn't, it's probably on the router's main page (what you see when you first load 192.168.0.1, or whatever your router's IP address is, in your Web browser). This is the IP address your router uses to connect to the Internet at large; if you don't have a premium ISP account with a static IP address, this number will occasionally (or frequently) change. See "DynDNS, not Din-Dins" (p66) for a slick way to keep track of a dynamic IP address.



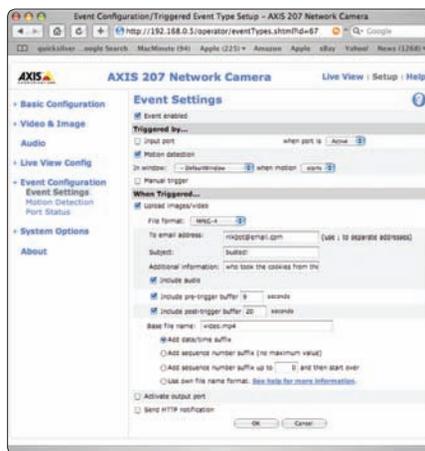
Now bust a hole in your network so you can peek in from elsewhere.

SUBNET BLUES

The Axis 207's default IP address is 192.168.0.90, which matches most (non-Apple) routers; the camera is also preconfigured to get a new IP address via DHCP, so it should just work when you plug it into your network. If it doesn't, try resetting the camera thusly: Disconnect the AC power, press and hold the Reset button on the camera's back while you reconnect the AC power, and keep holding it until the camera's status light turns yellow. If you still can't connect to the camera, use your router's LAN configuration page to change the router's address to 192.168.0.1.

5 Start the Spyn'

Your camera should now be visible to the outside world, but you'll have to go somewhere else to test that it's actually getting past your router's firewall—unless you have a second Internet account with a different WAN IP in the house. The easiest way is to call a friend and ask her to log in from her house; either way, just type your router's WAN IP address (referred to as Static IP in the previous step's screenshot) into a Web browser's URL bar. Conversely, from home, you can only access the camera directly via the Bonjour bookmark method from step 1, or by its so-called Private, or internal, IP address—in our case, 192.168.0.5. The WAN or Static IP won't work from a Mac on your home network's subnet.



Motion-detected email alerts take over in case we nod off on duty—like any security guard.

WHAT ABOUT CAMERA X?

While preparing this article, we discovered that the vast majority of netcams on the market claim to require a Windows PC for the initial setup, after which your Mac can view and adjust the camera from a Web browser. We tried offerings from several vendors, and found that some don't, such as Hawking's NetVision HNC290G (\$129, www.hawkingtech.com), but some do. Cameras from D-Link and other vendors only worked if set them up first from a Windows PC—or an Intel-powered Mac running Windows via Parallels Desktop for Mac (\$79.99, www.parallels.com).

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Using an iSight or Webcam

So it's 3:00 a.m. and you want to set up a security cam *now*, without procuring any special hardware or installing a home network. We've got you covered—provided you have a Mac and an iSight camera (built in or not), or any Mac-compatible USB Webcam. First install your software of choice (we're using KeyCamX) and attach a camera if necessary.

WHAT YOU NEED

iSight-equipped Mac (piecemeal or integrated), or a Mac with a compatible USB or FireWire cam

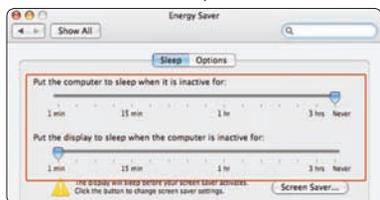
Mac OS 10.3 or later

Internet connection if you want remote live monitoring

KeyCamX (\$10, on the Disc or www.keywebx.com), or BTV Pro or SecuritySpy (\$40 and \$50, www.bensoftware.com)

1 Make Your Mac an Insomniac

Since this project uses a Mac-connected camera rather than one that plugs directly into the network, you don't want your Mac falling asleep on the job. Open System Preferences > Energy Saver and slide the top slider to Never so your Mac stays awake, and slide the next slider to a minute or two—now the Mac's screen will stay dark while the attached or built-in iSight (or other Mac-supported cam) does its surveillance. If you want to serve the images up on a Web site hosted from your Mac, open System Preferences > Sharing; in the Services tab, check the Personal Web Sharing box, then click the Firewall tab, click Start to enable the firewall, and



check the Personal Web Sharing box to let your Web site out.

Your Mac is directing the camera—don't let it fall asleep on the job.

2 Set Up the Software

Actually using KeyCamX is incredibly easy. Press the Start button to activate the live view and make sure your camera is on deck, then click Stop and select KeyCamX > Preferences to adjust the settings. Tweak the video preferences

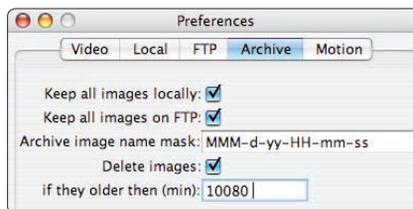


if you like, and meet us at step 3. Oh, if you're wondering where to enter your registration code: go to KeyCamX > About KeyCamX.

Keep in mind that you can't adjust your iMac's built-in iSight much.

3 Pick Your Preferences

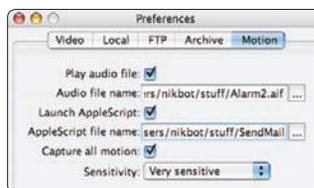
Back in KeyCamX > Preferences, click Local and check both boxes to create a Web page where you can view the captured images, either on your own Mac or over the Internet if you choose. If you don't already have a Web site set up on your Mac, make KeyCamX's output the default home page by naming the Web page index.html. If you use a remote host or you just want to store the evidence offsite, proceed to the FTP section and fill in the blanks—get the login information from your service provider, and again, name the page index.html to make it the default home page. Finally, tweak the Archive section to set where images get saved, as well as if and when to delete them—it may take a while, but images can eventually fill up your hard drive.



We set our archives to self-delete every 10,080 minutes—aka once a week.

4 Arm the Bear

Finally, we're ready for the real fun. Enter the Motion section of KeyCamX's preferences. Revel in the discovery that KeyCamX can play an audio file when someone gets too close to your Mac (or within the camera's view)—the disk image KeyCamX came on even has three samples. There's also an AppleScript that you can use to automatically fire off an email to yourself. Drag the audio and AppleScript files from the disk image to your Mac, and then use KeyCamX's Preferences to set it up—it's totally self-explanatory. You can also designate your own audio files and AppleScripts, so you can do something



crazy like crank up the speakers and play an air-raid siren when anyone approaches your Mac.

“Step away from the iMac...” You tell 'em, Zorvox.

DynDNS, not DIN-DINS

If your dynamic IP address changes more often than you change your socks, you'll soon tire of rechecking your security cam's latest Internet address—or you'll forget and not be able to peek in on Spot, Fluffy, or the neighborhood hoodlums who've taken an interest in your house while you're away. All you need is a free subscription to a service called DynDNS; basic service is free and maps your ever-changing IP address to a never-changing name address, such as <http://mycam.dyndns.org>—all you need to do is install a free app on your Mac that tells the service when your IP changes. Go to www.dyndns.com to sign up and get the free DNS-updating software.

Niko Coucouvanis is still trying to hack a paintball gun into his motion-activated home-security setup.

Control Your Mac Remotely with VNC

TRICKY

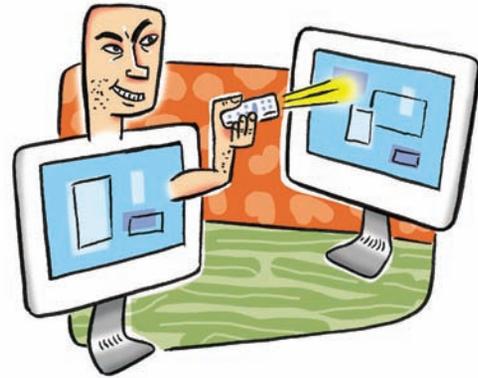
by Niko Coucouvanis

WHAT YOU NEED

Mac OS X 10.4 or later

Chicken of the VNC
(free, on the Disc or <http://sourceforge.net/projects/cotvnc/>)

This month's Field Guide ("Communication Communications," p32) explains *virtual network computing*, aka VNC. In a nutshell, VNC allows you to control a Mac over a network or over the Internet from another Mac or any computer with a VNC client—control meaning *full* control of the screen, mouse and keyboard input included. Here's how to set it up.



VNC lets you fully control one Mac from another.

ILLUSTRATION BY SUSAN SYMANSKI

1 Kick-Start the Server

VNC is a client-server setup, so first we'll configure OS X's built-in VNC server. Open System Preferences > Sharing; in the Services list, check the box to enable Apple Remote Desktop. Note the IP address or Computer Name listed below the services list—that's the address you'd use to connect



from another Mac on the local network. We'll show you how to tap in from the Internet in step 4. With Apple Remote Desktop still selected in the list, click the Access Privileges button.

The VNC setup is cleverly hidden in the Apple Remote Desktop settings.

3 Fire in the Hole in the Firewall

If you connect to the Internet through a home network, skip to step 4 (if you want to share your Mac at work, on the company network, ask your network administrator to set it up further upstream at the company firewall). Otherwise, move on to the Sharing preferences' Firewall tab and click Start. Enabling Apple Remote Desktop automatically opens the appropriate ports in the firewall—but you still need to click Start to turn it on. Finally, jot down your Mac's IP address from



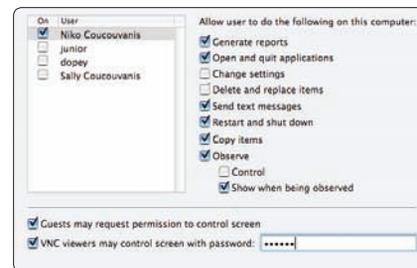
A firewall's not much use if you don't turn it on.

the TCP/IP section of the Network System Preferences pane.

2 Define Your Boundaries

Like any powerful tool, VNC can backfire on you. Specifically, if someone knows your Mac's IP address and cracks your password, your Mac is theirs for the meddling. Study the list of what you (or a hacker) can do once logged in via VNC, and only enable the activities you'll need. Most

importantly, use a solid password that combines letters and numbers rather than a simple word or your pet's name (sorry, Princess Cupcake).



Select carefully here, or some creep could take over your Mac and wreak havoc.

4 Reroute Your Router

Designate the Mac as the network's Default Host (on Apple routers) or DMZ (see "Secure Your Home With a Network Cam," p62, for the details). Otherwise, set up a virtual server (AirPort calls it Port Mapping) to open ports 3283 and 5900 for both TCP and UDP traffic—your router's configuration tool will walk you through it. Now launch Chicken of the VNC (free, on the Disc or <http://sourceforge.net/projects/cotvnc/>) on any other Internet-connected Mac, select Connection > New Connection, and enter your home Mac or router's *external* IP address and the password you set in step 2. Find your router's external (sometimes called public or WAN) IP address on the router's status page. Use the Mac's internal IP or Computer Name to connect from another Mac on your home network.

addresses to map to specific TCP/IP ports in this window.

Public Port	Private IP Address	Private Port
3283	10.0.1.201	3283
5900	10.0.1.201	5900

A virtual server sounds tricky, but setting it up is totally simple.

Niko Coucouvanis is pretty sure that VNC-ing from one Mac to another and back again would open an intergalactic wormhole to the seventh planet.

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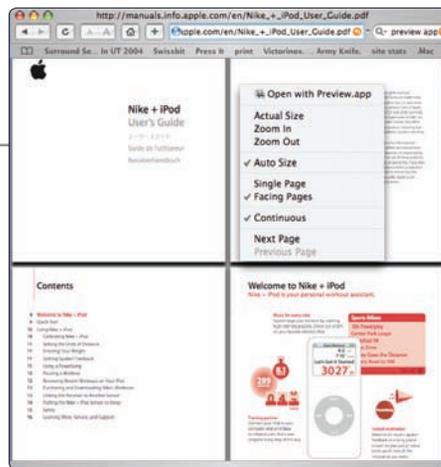
Preview PDFs and Photos Painlessly EASY

by Niko Coucouvanis

WHAT YOU NEED

Mac OS X 10.4.4 or later
(\$129, www.apple.com)

If you, like us, have been using Adobe's free Acrobat Reader forever, Apple's humble Preview app seems like an afterthought. But if the years have taught you to hate everything Acrobat, use these tips to turn Preview into a powerful porter for PDFs—photos, too.

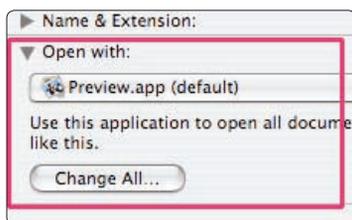


Acrobat, shmacrobat—Preview's contextual menu has all the commands you need.

1 Adios, Acrobat

It can be tough to appreciate Preview, especially if you've installed Adobe's Acrobat or Reader, both of which tend to hijack PDF files on the Web and on your hard drive. So first we'll tell the Finder to open PDFs in Preview; highlight a PDF file in the Finder, select File > Get Info (Command-I), and under Open With, select Preview and click the button labeled Change All to make Preview the default handler for all PDFs on your Mac.

For PDFs on the Web, find the file AdobePDFViewer.plugin in /Library/Internet Plug-ins, and either delete it or move it to the Disabled Plug-ins folder. Restart Safari and thank your lucky

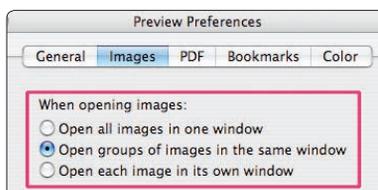


stars (or us) that you can now enjoy online PDFs right in Safari rather than suffering through the Acrobat Reader plug-in.

Give Preview dibs on PDF files, and JPEGs if you like.

3 Image Me This

Preview is the best way to quickly preview images from your digital camera—especially RAW images that take a while to process in Photoshop. And Preview's multidocument window is perfect for scrolling through a load of photos. Open Preview and select Preview > Preferences; click the Images tab and select Open All Images In One Window. Now select a gang of photo files and open them (remember the Get Info trick from step 1). Click on any image's thumbnail in Preview's drawer to load it in the main window, and as long as you don't click out of the drawer, you can move between the images via your

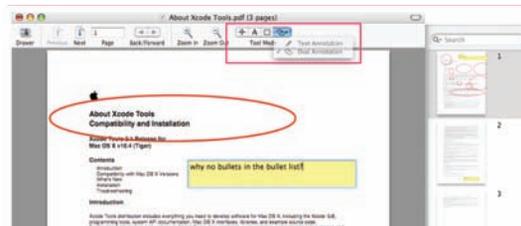


keyboard's up arrow and down arrow keys. Press Command-Delete to trash the images you don't like.

Preview is an excellent way to weed through a fat stack of photos.

2 Leave Your Mark

PDFs are often used for sending documents back and forth for peer review and comments, and Preview's Annotate tool gives you two ways to add your two cents. Select Tools > Annotate Tool to activate it, and then select Tools > Annotation > Text Annotation (or use the Tool Mode selector in Preview's toolbar). Now click and drag to draw a sticky-note-like rectangle where you'd like to comment, double-click the note box's placeholder text, and start typing. If you didn't draw the box in the right place, you can drag it into position anytime with the Annotate tool. The other Annotation mode is Oval—use it to draw a red circle (or oval) around parts of the page that you want to highlight. Bonus: Use text and oval annotations in concert to really annoy...er, to more forcefully make a point.



Preview's Annotation tools let you smear your virtual fingerprints all over a document.

4 Keyword Roulette

More fun with Preview's document drawer: Control-click in the drawer for handy ways to sort a window full of photos (by Name, Path, Date, Size, or Kind). Note that the final option, Keyword, is intended for PDF documents and doesn't work with photo files. If you want to assign keywords to photos, do it in iPhoto; add new keywords via iPhoto > Preferences > Keywords, then press the little key icon (in iPhoto's lower-left corner) to load the list of keywords, and tag the images by dragging them from the Library onto the respective keyword, individually or in bulk.

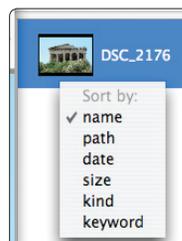


Photo keywords are Preview's Kryptonite.

Niko Coucouvanis still prefers—and uses—the “Adobe Clown” moniker instead of “Acrobat.”

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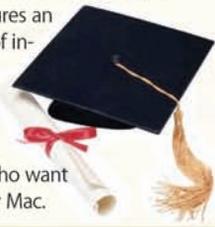
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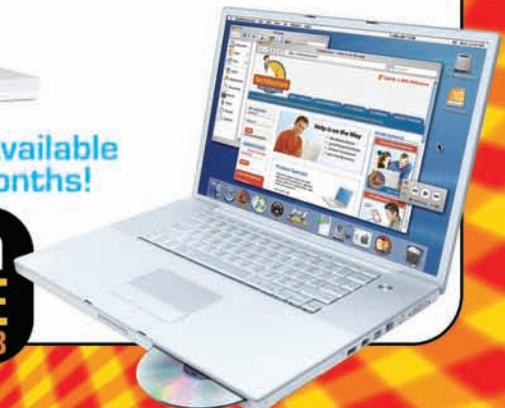


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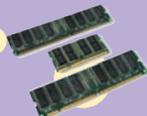
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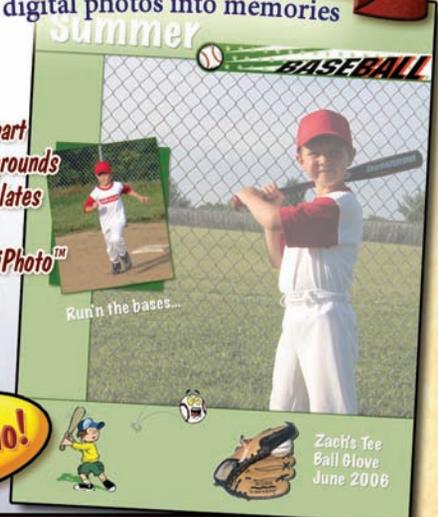
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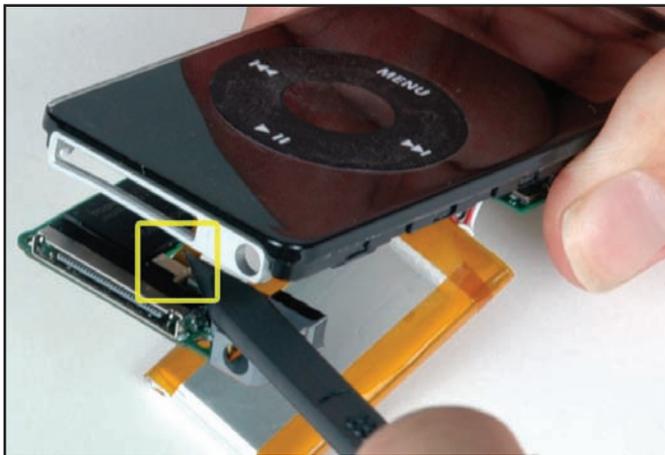
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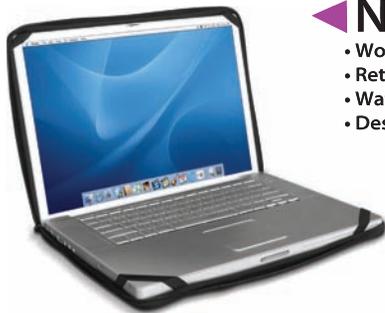
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LETTERS

HAPPY BIRTHDAY: 1

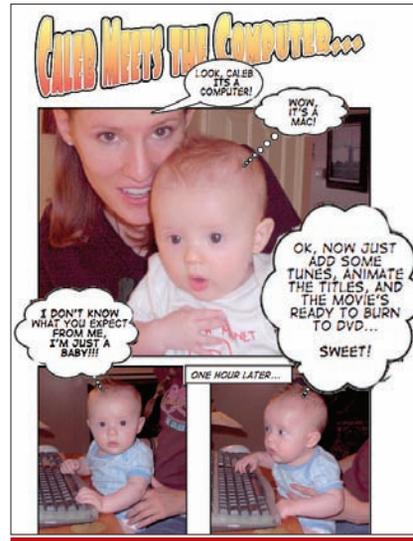
Happy 10th anniversary! I've only read *MacAddict* for about two years now, but I really enjoy both the magazine and the Web site. *MacAddict* is just the right blend of information and entertainment—I can't count how many times a tip or product review has come in handy! Please keep up the good work!—*Kate Marshall Thanks! For! The! Kind! Words!—Max*

HAPPY BIRTHDAY: 2

I test-drove the original Macintosh after it came out. I bought one and have used Macs ever since then. Similarly, I saw your first issue on a magazine rack and bought it. Since then I have read virtually every issue. *MacAddict* maintains a good balance between fun and in-depth articles. Keep up the good work! —*John McNamee*
We blend, we balance, and we will keep up the good work.—*Max*

BEST LETTER EVER

Thumbs up on the big decade! Your rag is always upbeat and enjoyable, and perfect for the bathroom—humor always loosens things up. Don't take any of this too seriously. The writer of this letter can't understand 20 percent of the articles. I am a carpenter. Take Unix, for example. Shouldn't they be guarding the harem or something? Those clever responses to the pictures—how frickin' nerdy can they get? Everybody I know sees that the bird (*Log Out*, Sep/06, p79) is using his pecker. Now that there is funny! I don't care who you are. The other day, at work, some guy was talking about people who talk more than they know—I think he called them bullsh**ers. So I mentioned Lao Tzu's thought on how one who knows doesn't talk, and one who talks doesn't know. During all this, an electrician farts. We all laugh and go back to work. I believe this is the basic format of your rag. I like it.—*Jim Becker*
I am strangely touched by your generous compliments, Jim. And now I have to



AWW...

I'm just a proud grandpa who wants to share—it's my grandson's first encounter with a Mac.—*Mark Woodbury*

Look out, Niko—Caleb's after your job!

get back to guarding the harem.—*Max*

LOOK HARDER?

I have stopped looking at your Discs, and I am just tossing them since I do not have the time to figure out what the programs do. You are going to have to give me a short blurb to explain what each does if I will ever try to use them.—*Robert Cullers*
Don't toss your Discs! I don't mean to call you out, but every month a reader (or two) asks this same question, so here's the answer. When you open the

Software folder, you'll see a subfolder for each category of apps (Development, Interface, Utilities, and so on). Each of those subfolders contains an RTF file with the descriptions you seek. The Full Software List file in the main Software folder is just that—a list.—*Max*

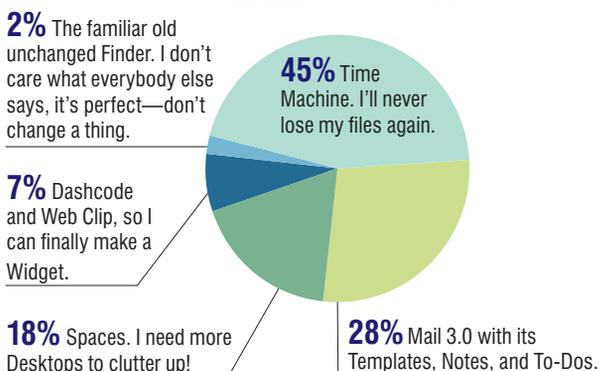
MODARIFIC!

I always read articles about modding computers, so I wanted to try it. This is my rendition of a Power Mac G4 mod I read about that had see-through sides, lights inside, a 5-inch LCD on

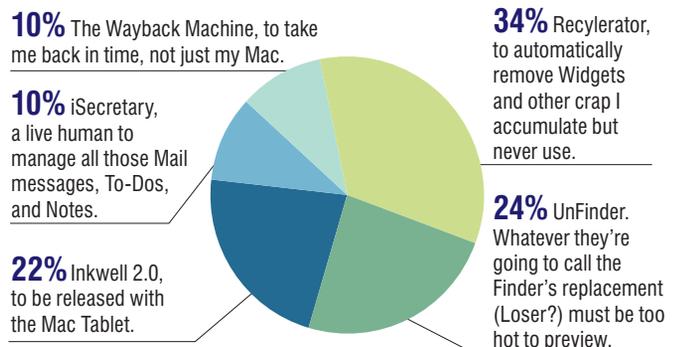
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Here are the results of our August 2006 survey. Check out www.macaddict.com each month for a new online poll.

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Can't...look...away...

the front, a USB hub, twin Western Digital Raptor hard drives, and a fast graphics card. I bought a Sawtooth Power Mac G4 and all the fixings except the hard drives, the graphics card, and the display. I also added things like light-up RAM, light-up screws, a light-up fan, and light-up molex connectors (it's the little things that count). I cut two holes in the thing, added the lights, made the sides clear, and reassembled it. I want to add a USB hub when I get more money, but so far it turned out well.

—Eric Young, age 13

You're obviously a bright kid, Eric—so bright I gotta wear shades.—Max

TAKIN' IT TO THE STREETS

Since I live about an eight-minute walk from my job, I walk to work every day, and I religiously take *MacAddict* along to read over lunch. Somewhere on the way to work today, I dropped the magazine without knowing it, a very sad event for me. I retraced my steps when I went home, and it was nowhere to be found. This could be a very good thing for someone, though. I hope that I inadvertently made a convert out of a poor PC-using soul.

—Shannon Nugent

Glad you're spreading the word, even if it's

accidentally. Your tale reminds me of BookCrossing.com, a cool site that encourages you to release your books into the wild and then track their adventures online.—Max

NOT BAD AT ALL

Love the mag, been a subscriber for years. I just received my new MacBook Pro battery from Apple (the old one was recalled), and I was surprised to see how much better it really is! Almost 34 hours of battery life is not bad if you ask me.—James Gleason

Careful—the 33-hour mark is when they tend to explode.

—Max

 (33:55) Thu 3:50 PM

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OUTTA THIS WORLD

Check out my birthday present from my daughter: the Moon Gumby iPod Dock.

—Akira Hunt



From the upcoming sequel to the 1956 film *Gumby and the Moon Boggles*, *Gumby and the Moon Shuffles*.

SPAM OF THE MONTH

Hi my diar friend! This is the spam message for you.

—Vasya

Wow, how...accurate. If only I knew how to send money or perhaps my personal data. Maybe next time, diar?—Max

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Send email entries to: contest@macaddict.com with the subject: Shure Contest (Don't forget to include your address information!)

Send snail-mail entries to: Shure Contest, *MacAddict* magazine, 4000 Shoreline Court, Suite 400, South San Francisco, CA 94080.

Deadline for entry: November 30, 2006. Contest results will appear in our Mar/07 issue.

Contest Rules The judges will be *MacAddict* editors and will base their decision on 33 percent humor, 33 percent originality, and 33 percent creativity. All entries must be received no later than November 30, 2006, with the winner announced around March 2007. By entering this contest, you agree that Future US, Inc. may use your name, likeness, and Web site for promotional purposes without further payment. All prizes will be awarded, and no minimum number of entries is required. If two or more people enter identical winning captions, the entry received first will be awarded the contest prize. Prizes won by minors will be awarded to their parents or legal guardians. Future US, Inc. is not responsible for damages or expenses the winners might incur as a result of this contest or the receipt of a prize, and winners are responsible for income taxes based on the value of the prize received. A list of winners may also be obtained by sending a stamped, self-addressed envelope to Future US, Inc. c/o *MacAddict* Contest, 4000 Shoreline Court, Suite 400, South San Francisco, CA 94080. This contest is limited to residents of the United States. No purchase necessary; void in Arizona, Maryland, Vermont, Puerto Rico, and where prohibited by law.

Winner!

Our hearty congrats to José "Chach" Snook (or whatever his *real* name is), whose caption won him a copy of Equilibrium's DeBabelizer Pro 6 (\$449.95, www.equilibrium.com), and special thanks to the dozens of you who riffed on paper clips, duct tape, and tonsorial excess.



Without a Mac, he's just Gyver.

Volume 11, Issue 11

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REWIND TO SHEA STADIUM, OCTOBER 25, 1986.
“Bill? Great game so far, but take a seat. We’re going to put Stapleton in for ya this inning.”*



REWIND TO WASHINGTON, DC, OCTOBER 6, 1997.
“Linda? Sorry, but I can’t talk right now—I have to get this little blue dress to the dry cleaners before they close.”



REWIND TO MALIBU, CA, JULY 28, 2006.
“Mel? You probably shouldn’t be driving; the bartender just called you a cab. Have a great night!”



REWIND TO KINGSVILLE, TX, FEBRUARY 11, 2006.
“Mr. Cheney, sir? The sun’s going down, so maybe we should quit hunting for today. Wouldn’t want anyone to get hurt.”



The Wayback Machine

Top Four Scenarios We Wish Time Machine Could Fix

Everyone’s excited about Time Machine, Mac OS Leopard’s butt-saving app that lets you “rewind time” and recover files you saved over, corrupted, or otherwise just plain fouled up. Which, of course, got us thinking—what if we could have that ability in real life? What great foul-ups throughout history could a Time-Life Machine cosmically correct?

*In Buckner’s defense, let’s not forget that had he picked up the ball—rather than booted it—and stepped on first base, the game still would have been tied, not won. Ergo, Buckner did not lose the game. And it was only game six.

ILLUSTRATION BY JOHN UELAND