



# MAC FACTS

from

## Mac Help Desk

SUPPORT, SALES, TRAINING & SERVICE

(972) 783-9787 • (972) 783-7550 - Fax • (214) 249-9543 - Pager

e-mail address - [machelpdesk@attbi.com](mailto:machelpdesk@attbi.com)

Web site - <http://www.machelpdesk.com>

**Apple Consultants Network**  
**An Apple Solutions Expert Company**

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### *A Message from Dru*

Happy New Year and Boy Howdy has there been a lot going on in the past 6 weeks. Check out the Newsline section to see all (well most) of Apple's new stuff.

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Don't forget the Apple Corps of Dallas' next meeting on February 8<sup>th</sup> at the Richardson Civic Center. The Center is located at Central Expressway and Arapaho. This is a FREE event but we do encourage that you join a User Group (preferably this one!). For more information go to <http://www.acd.org>.

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Do you know that your Mac can do Karaoke? All it takes is Quicktime and a '.kar' file type. Go to <http://www.FREEKaraoke.com/> to download over 1700 titles. By the way - If you double the size of the Quicktime window from the Movie Menu, you'll be able to see the text better. Happy singing!

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And speaking of singing - I'm *still* looking for a male or female lead singer for my band, [LoveSong](#). If you know a singer or YOU sing, call me.

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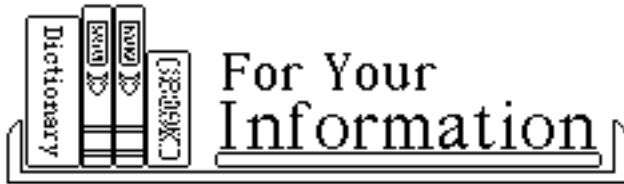
For those who haven't heard as yet, there's now a *second* Apple retail store in Dallas. It's at the corner of Knox and McKinney in central Dallas. For more info, go here - <http://www.apple.com/retail/knoxstreet/>

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The Writing is On the Wall - For those of you holding on (dearly) to Mac OS 9... Apple's two new laptops (see Newsline for more info) will no longer 'boot' into OS 9. Yes, they will be able to run OS 9 applications in the 'Classic' environment, but with these two Macs Apple bids a fond adieu to OS 9. The point here is if you have a Mac that is capable of running OS X, now would be an auspicious time to migrate to OS X and gain all of it's advantages. If you're not familiar with OS X's advantages go to <http://www.apple.com/macosex>. The flip side to that is if you own a Mac that can't run OS X, now would be a great time to upgrade your system to a Mac that DOES support OS X. Apple's prices have never been lower. 'How low?' I hear you ask. How about G4

700 Mhz eMacs for under \$700! [If you don't know what an eMac is, go here – <http://www.apple.com/emac>.] For many of you who have grown up on Mac OS 7, 8, or 9 (or earlier), the idea of transitioning to a brand new Operating System is a scary idea. Learning (or re-learning) stuff is tough and time consuming. But not so with OS X! Yes, there is a learning curve...but it's shallow. If you have questions, call me or send me an email.

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## Why Apple is Pulling Away From Microsoft and Can't Afford Not to Do It

By Robert X. Cringely

I had planned to write this week what I like to think is a clever column about Microsoft, looking at the company and its products in a very different way, but that will just have to wait another seven days. Instead, I just have to write about Apple Computer and the recent product announcements at MacWorld. It seemed like everyone was surprised to see so much new stuff from Apple. I know I was surprised. The economy is down, Apple is supposedly sitting on excess inventory, the most we were expecting was maybe another consumer gizmo like the iPod. Then Apple dropped two notebook computers and a couple of very significant applications on the show floor, and I was both delighted and amazed. The notebooks are nice, but what floored me were the applications, not only for what they are, but also for what they mean to the company and the PC industry. This is Apple sticking it to Microsoft.

Ever since Microsoft BASIC replaced Steve Wozniak's Applesoft BASIC in the Apple II, Apple has been dependent on Microsoft. The GUI (Graphic User Interface) license Apple granted Microsoft that allowed them to use a trash can in Windows 1.0 came about strictly because the Apple II BASIC contract was about to lapse and Microsoft threatened to take its BASIC and go home. And there is more: Microsoft's entire international expansion in the early 1980s was financed - according to Steve Ballmer and former Redmond sales VP Scott Oki - by payments Apple made to Microsoft for Apple III applications. That Microsoft is in India today comes down to a 20 year-old computer that wasn't even successful and that most people don't even remember.

It was more of the same in the Macintosh era. Microsoft was begged to write applications for the Mac, to provide languages, and eventually a web browser. The biggest result of that one-sided collaboration was Microsoft Excel 1.0 - a fabulous spreadsheet that was totally unlike any Microsoft product before. What few people don't remember, however, is that the price of Excel was Apple canceling its own spreadsheet project called Mystery House.□

Mystery House was a spreadsheet, intended to kill VisiCalc - the original spreadsheet program that made the Apple II such a success - because everyone who worked on Apple II software decided en masse that they hated Terry Opdendyk, president of VisiCorp, and wanted to hurt him by destroying his most important product. There was no real business reason to do Mystery House, just spite. The spreadsheet was written by Steve Wozniak and Randy Wigginton, and was a follow-on to Woz's first spreadsheet, called VisiCrook. VisiCrook was an illegal copy of VisiCalc (hence the name, get it?) that defeated VisiCalc's copy protection. But VisiCrook went somewhat further since Woz "fixed" a few of Bob Frankston's math routines and while VisiCrook looked like

VisiCalc, it was vastly faster. Enough nostalgia - Mystery House was cancelled because it threatened Microsoft.

The story goes on and on. Apple feels it needs Microsoft, Microsoft demands a pound of flesh, and Apple gives in. Most recently this happened with web browsers as Microsoft periodically threatened to drop Internet Explorer for the Mac. And they probably should have dropped it, too, since the Macintosh product was the fatal flaw in their "IE is just a part of Windows" legal strategy of a couple years ago. I took great pleasure at that time in asking Steve Ballmer what part of Windows was Internet Explorer for Macintosh?

So the fact that Apple would this week introduce its own web browser was not only a surprise, it was a shock. And the Apple browser, called Safari, isn't some warmed-over Mozilla code, but a brand new Apple product based on KHTML from the KDE project that runs faster than IE or Netscape or even Opera, the usual web browser speed champ. This is a major new application, and it came out of nowhere. More than 300,000 users downloaded Safari on the first day it was available (*and over 1 million the first week! – Ed*).

Products like Safari are always brewing inside Apple, but like Mystery House, they hardly ever get out. That Safari escaped has as much to do with Microsoft as it has to do with Apple. Relations between the two companies have lately been strained. Microsoft, out from under its Department of Justice legal cloud and feeling once again empowered to act on its corporate paranoia, has been grumbling about pulling Mac IE and about poor sales of Mac Office V.X. But this time, rather than capitulate, Apple has fired back with a world class browser of its own. I like that.

But wait, there's more! Apple also introduced a \$99 PowerPoint competitor called Keynote. This presentation program does more than PowerPoint and does it cheaper. It includes QuickTime video and Acrobat printed output, and it reads and writes PowerPoint files so who cares that it didn't come from Microsoft? With Redmond periodically threatening Apple with an end to Microsoft Office for the Mac, this is Apple saying, "We dare you."

A complete office application suite requires a word processor, spreadsheet, web browser, database, and presentation program, so with these new programs and its FileMaker database, Apple already has on sale three-fifths of an office suite. Who is to say that next year Jobs won't announce the other two applications, either of which is frankly easier to make than the applications announced this week?

This isn't ego as much as pragmatism on Apple's part. Mac Office is a profitable product for Microsoft, but not as profitable as Windows Office and not as profitable as Windows Office would be if those pesky Mac users were no longer around. It's the dash for 100 percent market share, the so-called "natural monopoly" that has to appeal to Bill Gates. I know it always did appeal to him back in the days when he habitually talked about becoming a monopoly.

Apple can't count on Microsoft and is tired of kowtowing to Microsoft, so the logical strategy is to replace the Microsoft products that cause so much concern. This is especially important since Microsoft has awakened to Apple's media hub strategy, and is positioning Windows to compete for that business. Normally, it would be crazy to take the game to Microsoft this way, but it is a small game, limited to Macintosh computers, and Apple feels it has no choice. Ironically, Cupertino made exactly the same decision 22 years ago when it shipped seven productivity applications with every Lisa computer. At that time, Apple didn't feel it could rely on outside software developers and today, with the added impetus to find more revenue from each box sold, they have rolled around to the same conclusion.□

I only hope it works better this time than it did for the ill-fated Lisa.

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## NEWSLINE

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### **Apple Unveils Fastest and Most Affordable Power Macs Ever**

#### **FireWire 800 & New Advanced Wireless Options**

Apple® announced the fastest and most affordable Power Mac® G4 line ever featuring a choice of a single 1 GHz, dual 1.25 GHz or dual 1.42 GHz PowerPC G4 processors with prices ranging from \$1,499 (US) to \$2,699 (US). The new line also features FireWire® 800 and has internal support for 54Mbps AirPort® Extreme and Bluetooth wireless networking.

Apple also unveiled its stunning new 20-inch Cinema Display®, priced at just \$1,299 (US), and announced significant price reductions to its entire flat-panel display line.(See below)

“With dual 1.25 GHz performance priced at only \$1,999 plus our new 20-inch Cinema Display priced at just \$1,299, Apple is delivering unprecedented value to our professional customers,” said Greg Joswiak, Apple’s vice president of Hardware Product Marketing. “With Firewire 800 and support for AirPort Extreme and Bluetooth, the new Power Macs are the ultimate systems for the digital professional.”

Based on Apple’s advanced Xserve™ architecture, including up to 2MB of fast Double Data Rate (DDR) Level 3 cache and 333 MHz DDR memory, the new Power Mac G4 line harnesses the power of Apple’s UNIX-based Mac OS® X “Jaguar” with symmetric multiprocessing capabilities to deliver an incredible 21 gigaflops (21 billion floating point operations per second) of performance.

The Power Mac G4 provides incredible expansion capabilities with five slots, including four open high-performance 64 bit 33 MHz PCI slots and two external drive bays for optical drives. Apple’s SuperDrive™ (DVD-R/CD-RW) optical drive for burning and playing DVDs and CDs, standard on the top configuration, now lets customers record DVDs, CD-R and CD-RW discs up to twice as fast as with previous models. The new faster Combo (DVD-ROM/CD-RW) optical drive for watching DVDs and burning CDs enables customers to record CD-R discs twice as fast as previous models as well. Offering four 3.5-inch hard disk drive expansion bays with either a 60GB, 80GB or 120GB Ultra ATA/100 hard drive running at 7200 rpm, the Power Mac G4 now has a 180GB drive option.

The new Power Mac G4 also adds a new high-speed FireWire 800 port, the next generation high-speed serial interface, in addition to two FireWire 400 ports and four USB 1.1 ports. With a dedicated 4x AGP slot for graphics, the line offers the ATI Radeon 9000 Pro or NVIDIA GeForce4 MX, both with 64MB DDR SDRAM graphics memory and dual display support; optional graphics cards include the NVIDIA GeForce4 Titanium and the ATI Radeon 9700 Pro, both with 128MB of DDR SDRAM. With the industry’s first eight pixel pipelines, the ATI Radeon 9700 Pro is the world’s leading graphics card.

The new Power Mac G4 line also offers the latest in communications with support for high-speed 54Mbps AirPort Extreme 802.11g wireless networking, offering speeds up to five times faster than

previous wireless technologies, and optional built-in Bluetooth for wireless connectivity to a range of peripherals such as cell phones and PDAs. Apple's new iSync software is included, so customers can automatically synchronize address books and calendars between Macs and Bluetooth capable cell phones. The line also offers 10/100/1000BASE-T Ethernet built-in for the ultimate in Ethernet performance.

Every Power Mac G4 includes Apple's iLife™ applications, an integrated suite of award-winning software including iTunes™ 3 for managing digital music, iPhoto™ 2 for organizing and sharing digital photos, iMovie™ 3 for digital movie-making, and iDVD™ 3 for creating and burning Hollywood-style DVDs (SuperDrive models only). The line also offers a valuable bundle of professional and productivity applications, including QuickBooks for Mac New User Edition, Microsoft Office v. X Test Drive, FileMaker Pro Trial, Microsoft Internet Explorer, EarthLink, Acrobat Reader, Art Directors Toolkit, FAXstf, GraphicConverter, OmniGraffle, OmniOutliner and Developer Tools

### **Pricing & Availability □**

The single 1 GHz Power Mac G4, for a suggested retail price of \$1,499 (US), and dual 1.25 GHz Power Mac G4, for a suggested retail price of \$1,999 (US), are available now. The dual 1.42 GHz Power Mac G4, for a suggested retail price of \$2,699 (US) will be available starting next month. All Power Mac G4 systems are available through the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple Retail Stores and through Apple Authorized Resellers.

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## **Apple Introduces 20" Cinema Display at Breakthrough Price**

### **Significant Price Reductions on 23" Cinema HD Display & 17" Studio Display**

Continuing its industry leadership in flat panel display technology, Apple® introduced the 20-inch Apple Cinema Display®, a professional-quality, wide-format active-matrix LCD with 1680-by-1050 pixel resolution at a breakthrough price of \$1,299 (US). A perfect complement to Apple's new Power Mac® G4 desktops and ideal for demanding color work, the all-digital 20-inch flat panel display provides more work area than Apple's previous 22-inch Cinema Display.

Apple also dramatically reduced the price of its 23-inch Cinema HD Display, with 1920-by-1200 pixel resolution—enough to view High Definition Television (HDTV) content with room to spare—from \$3,499 (US) to an amazing \$1,999 (US). Widely regarded as the finest quality flat panel display in the industry, the 23-inch Cinema HD Display is now within the reach of almost every professional user. Apple also reduced the price of its 17-inch Studio Display®, providing 1280-by-1024 pixels, from \$999 (US) to just \$699 (US).

“The new 20-inch Cinema Display, with its 1680-by-1050 resolution, offers more pixels than our previous 22-inch product,” said Greg Joswiak, Apple's vice president of Hardware Product Marketing. “We've priced it very aggressively at \$1,299 (US) so that almost everyone can now afford a stunning, widescreen Cinema Display.”

Apple's Cinema Display features an active-matrix, liquid crystal display that incorporates a pure digital interface to deliver superior, distortion-free images that never need adjusting. Like the current

17-inch and 23-inch flat panel displays, the new 20-inch Cinema Display is designed for use in the most demanding color environments. Using the industry's best wide viewing angle technology, Apple flat panel displays provide maximum color quality even when viewing images off-axis.

With a broad color gamut that stays consistent edge-to-edge, Apple flat panel displays are easy to calibrate using measurement devices such as the GretagMacbeth Eye-One calibrator to create ColorSync® profiles for use with Apple's ColorSync or other color management systems, such as Integrated Color Solutions, Inc. Recognized providers of innovative tools for advancing color management technology, ICS relied solely on Apple's Cinema Display and breakthrough Cinema HD Display to develop Remote Director 2.0, the first display-based proofing system to be certified by SWOP Incorporated. The prestigious SWOP certification means Remote Director 2.0 can be used to approve jobs for press production on-screen without the need for hard-copy proofs providing significant time and cost savings for print professionals.

The Cinema Display is less than two inches thick while providing a wide format design (16:10 aspect ratio), allowing customers to easily view a full 11-inch by 17-inch two-page spread, a complex illustration or view a DVD movie, making it the ultimate display for the creative or technical professional. Based on Apple's award-winning design, the Cinema Display offers the innovative Apple Display Connector (ADC) that carries the digital video signal, USB data and power over a single cable to simplify setup and minimize cable clutter on the desktop. The Cinema Display also provides a self-powered, two-port USB hub for easy connections to peripherals.

### **Pricing & Availability**

Apple's 17-inch (diagonal) Studio Display, new 20-inch (diagonal) Cinema Display and 23-inch (diagonal) Cinema HD Display are all available now through the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple's retail stores and Apple Authorized Resellers for a suggested retail price of \$699 (US), \$1,299 (US) and \$1,999 (US), respectively.

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## **Apple Unveils World's First 17-inch Notebook**

### **First Notebook to Feature 802.11g Wireless Networking, FireWire 800 & Backlit Keyboard**

Apple® unveiled the 17-inch PowerBook® G4, the world's first notebook computer with a 17-inch display, the largest ever in a notebook. Encased in a durable aluminum alloy enclosure, the new PowerBook measures only 1-inch thin and weighs just 6.8\* pounds. The new 17-inch PowerBook G4 is also the first notebook to offer built-in AirPort® Extreme 54 Mbps 802.11g wireless networking\*\*, new high-speed FireWire® 800, a backlit keyboard with ambient light sensors, and built-in Bluetooth for wirelessly connecting to cell phones and other Bluetooth equipped peripherals.

“Apple's taking another giant leap beyond PC notebooks with the world's first 17-inch notebook, miraculously engineered into an ultra-light aluminum alloy enclosure that's only 1-inch thin,” said Steve Jobs, Apple's CEO. “Many users are going to wonder why they even need a desktop computer anymore.”

The 17-inch PowerBook delivers the screen space and performance previously found only in desktop computer systems. The new PowerBook's stunning 17-inch screen displays 1440-by-900 super-crisp pixels in a widescreen 16:10 aspect ratio. The 17-inch PowerBook is the most powerful Apple portable ever with a 1 GHz PowerPC G4 processor, new high-speed architecture, fast NVIDIA graphics and a slot-loading SuperDrive™ for playing and burning CDs and DVDs. Housed in a lightweight and durable aluminum alloy enclosure just 1-inch thin and weighing only

6.8 pounds, the new 17-inch PowerBook G4 model is the thinnest Apple notebook ever, and lighter than most competitors' 15-inch and 16-inch notebooks.

The 17-inch PowerBook G4 includes the world's first fiber-optic backlit keyboard, as well as ambient light sensors that control the brightness of the display and automatically regulate the keyboard backlighting. In low light, the 17-inch PowerBook G4 automatically illuminates the backlit keyboard and lowers the display brightness, reducing eye strain and extending battery life. As light levels increase, the display brightness is re-adjusted automatically and the keyboard backlighting is turned off. This truly integrated display and lighting solution is an industry first, and will be warmly greeted by professionals who spend long hours in front of computer screens in low light conditions.

The 17-inch PowerBook G4 is the most wirelessly connected notebook ever, with both AirPort Extreme and Bluetooth wireless networking built in. AirPort Extreme is based on the new 802.11g standard and transmits data wirelessly at up to 54 Mbps—almost five times the data rate of previous wireless technologies—yet is fully compatible with the millions of 802.11b devices in use around the world. Built-in Bluetooth provides wireless connections to Bluetooth-enabled peripherals such as cell phones and PDAs. Apple's new iSync software is included, so customers can automatically synchronize address books and calendars between Macs and Bluetooth capable cell phones.

The new 17-inch PowerBook G4 includes a full complement of I/O ports, including two powered FireWire ports, one FireWire 400 port and one FireWire 800 port so customers can quickly transfer uncompressed digital video to high-capacity storage devices. And, it continues to be the only notebook to offer built-in Gigabit Ethernet (10/100/1000BASE-T).

The new 17-inch PowerBook G4 is the leader in mobile performance, offering 1MB of level 3 cache and 512MB of fast Double Data Rate (DDR) memory running at 333 MHz. Combined with the power of Apple's UNIX-based Mac® OS X version 10.2 "Jaguar," the new 17-inch PowerBook G4 runs professional applications including Adobe Photoshop up to 51 percent faster than a 2.2 GHz Pentium 4-based notebook\*\*\*\*. The new 17-inch PowerBook G4 comes with the NVIDIA GeForce4 440 Go graphics processor and 64MB of dedicated video memory capable of delivering 880 million textured pixels per second and advanced transform and lighting.

Pre-installed on every 17-inch PowerBook G4, "Jaguar" enhances the mobile experience with unique features including Instant On, which wakes the PowerBook from sleep in just one second; Automatic Networking, which automatically switches the network connections between Ethernet, 802.11 and modem; and advanced power management through Energy Saver Profiles for industry-leading battery life. Every new PowerBook G4 includes Apple's iLife™ applications, an integrated suite of award-winning software including iTunes™ 3 for managing digital music, iPhoto™ 2 for organizing and sharing digital photos, iMovie™ 3 for digital movie-making, and iDVD™ 3 for creating and burning Hollywood-style DVDs.

### **Pricing & Availability**

The new 17-inch PowerBook G4 is expected to be available in February through the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple's retail stores and Apple Authorized Resellers for a suggested retail price of \$3,299 (US).

Additional build-to-order options for the new PowerBook G4 include the ability to upgrade to up to 1GB of DDR RAM. AirPort Extreme Base Station and the AppleCare® Protection Plan are also available for the new 17-inch PowerBook G4 for an additional price.

Apple offers special prices on Macintosh computers for education customers through the Apple Store for Education at [www.apple.com/education/store](http://www.apple.com/education/store) or by calling an Apple education sales representative at 800-800-APPL. To download the latest Apple education price lists, go to

[www.apple.com/education/pricelists](http://www.apple.com/education/pricelists).

\*Weight includes battery and SuperDrive, and varies by configuration and manufacturing process.

\*\*Wireless Internet access requires an AirPort Card, AirPort Base station and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort.

\*\*\*Based on 9 commonly used actions in Adobe Photoshop 7.0.

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## Apple Introduces Its Smallest Notebook Ever

Apple® unveiled the new 12-inch PowerBook® G4 with a brilliant 12-inch, active-matrix display housed in a lightweight, durable aluminum alloy enclosure weighing just 4.6 pounds\*. The sleek new 12-inch PowerBook G4 offers a speedy 867 MHz PowerPC G4 processor, fast NVIDIA graphics, a standard slot-loading Combo (DVD-ROM/CD-RW) optical drive, built-in Bluetooth, and industry-leading battery life of up to five hours on a single charge, all for just \$1,799 (US).

“The new 12-inch PowerBook G4 is a jewel,” said Steve Jobs, Apple’s CEO. “It’s the smallest and most affordable PowerBook Apple has ever created and the most compact full-featured 12-inch notebook in the world.”

Offering a brilliant 12-inch, active-matrix display with a 1024-by-768 pixel resolution, the new PowerBook G4 measures just over 1-inch thin and weighs just 4.6 pounds. The new 12-inch PowerBook G4 has a 867 MHz PowerPC G4 processor with Velocity Engine™ and offers 256MB of fast Double Data Rate (DDR) memory (expandable to 640MB) and a fast NVIDIA GeForce4 420 Go graphics processor with 32MB of dedicated DDR RAM for incredible 3D graphics and display performance. The standard slot-loading Combo optical drive lets customers watch DVDs and burn both data and music CDs. Customers can also build-to-order their 12-inch PowerBook G4 with a slot-loading SuperDrive™ for playing and burning both CDs and DVDs.

The new 12-inch PowerBook G4 includes built-in Bluetooth for wireless connections to Bluetooth-enabled peripherals such as cell phones and PDAs. Apple’s new iSync software is also included, so customers can automatically synchronize address books and calendars between Macs and Bluetooth devices. The new 12-inch PowerBook G4 also includes built-in antennas and a card slot to support AirPort® Extreme, Apple’s next-generation wireless networking based on 802.11g\*\*. 802.11g can transmit data at up to 54 Mbps, almost five times the data rate of previous wireless technologies, yet is fully compatible with the millions of 802.11b Wi-Fi devices currently used around the world.

Pre-installed on every 12-inch PowerBook G4, Apple’s Mac® OS X version 10.2 “Jaguar” enhances the mobile experience with unique features including Instant On, which wakes the PowerBook from sleep in just one second; Automatic Networking, which automatically senses the active network port and switches the network connections between Ethernet, 802.11 and modem; and advanced power management through Energy Saver Profiles for industry-leading battery life of up to five hours on a single charge. Every new PowerBook G4 includes Apple’s iLife™ applications, an integrated suite of award-winning software including iTunes™ 3 for managing digital music, iPhoto™ 2 for organizing and sharing digital photos, iMovie™ 3 for digital movie-making, and iDVD™ 3\*\*\* for creating and burning Hollywood-style DVDs.

### Pricing & Availability

The new 12-inch PowerBook G4 is available at the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple’s retail stores and Apple Authorized Resellers for a suggested retail price of \$1,799 (US).

Additional build-to-order options for the new 12-inch PowerBook G4 include: up to 640MB of

DDR RAM; the SuperDrive (DVD-R/CR-RW) optical drive; the AirPort Extreme Base Station and AirPort Extreme Card; and the AppleCare® Protection Plan.

Apple offers special prices on Macintosh® computers for education customers through the Apple Store for Education at [www.apple.com/education/store](http://www.apple.com/education/store) or by calling an Apple education sales representative at 800-800-APPL. To download the latest Apple education price lists, go to [www.apple.com/education/pricelists](http://www.apple.com/education/pricelists).

\* Weight includes battery and Combo drive, and varies by configuration and manufacturing process.

\*\* Wireless Internet access requires an AirPort Card, AirPort Base station and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort.

\*\*\*iDVD 3 included only with optical SuperDrive.

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## Apple Unveils Safari

### Fastest Web Browser Ever Created for the Mac

Apple® unveiled Safari™, the fastest and easiest to use web browser ever created for the Mac®. Safari's highly-tuned rendering engine loads pages over three times faster than Microsoft's Internet Explorer for the Mac and runs Javascript over twice as fast. Safari's innovative features include Google search capabilities integrated directly into the toolbar; SnapBack, a new way to instantly snap back up to search results or the top level of any website after browsing down one or more levels; a completely new way to name, organize and present bookmarks; and automatic "pop-up" ad blocking.

"Safari is the fastest browser on the Mac, and we predict that many will feel it is the best browser ever created," said Steve Jobs, Apple's CEO. "We are bringing innovation back into this category with the first all new browser created in many years."

Safari's features include:

- Google search capabilities built into the user interface for convenient and quick searching on the web's most popular search engine;
- SnapBack, Safari's unique feature that instantly returns the viewer to Google's search results or the top level of a website after navigating through a series of links from a Google search results page or the original entry page of any website;
- bookmark re-naming, which helps the user easily and quickly rename cumbersome website names to shorter names more suitable for bookmarks;
- the bookmark library, a powerful single-window interface similar to Apple's popular iTunes™ and iPhoto™ applications that makes organizing and managing bookmarks extremely familiar and convenient;
- optional pop-up blocking to automatically block intrusive advertisements;
- Address Book integration, which automatically incorporates all websites listed in the user's Address Book contact database, such as personal websites, into Safari's bookmark library;
- extensive support of established industry standards to deliver proper rendering of web pages, such as HTML, XHTML 1.0, DOM, CSS, SSL, JavaScript and Netscape style plug-ins like QuickTime® with MPEG-4, Flash, Shockwave and Real;
- a simplified download process with automatic handling of disk images, file decompression, MacBinary and BinHex conversion for easy download and installation of files and applications without extra files remaining on the desktop; and
- the industry's best rendering engine based on KHTML, from KDE's Konqueror open source

project, to which Apple has made significant enhancements that will be contributed back to the open source community.

### **Pricing & Availability**

The Safari public beta is available immediately for free download at [www.apple.com/safari](http://www.apple.com/safari), requires Mac® OS X version 10.2 “Jaguar” and is optimized for Mac OS X v10.2.3. Safari is a compact 3MB download that occupies only 7.1MB of hard drive space. The final version of Safari will be made available later in 2003.

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## **Apple Unveils Keynote**

### **Professional-Quality Presentations for Everyone**

Apple® unveiled Keynote™, a new generation of presentation software that brings the ability to create stunning, professional-quality presentations to everyone. Featuring Apple’s legendary ease of use, Keynote includes professionally designed themes, amazing typography, pro-quality image resizing, animated charts and tables that can be created in seconds, and cinematic-quality transitions. Available immediately for \$99 (US), Keynote imports and exports PowerPoint, QuickTime® and PDF files to make creating and sharing presentations easier than ever.

“Using Keynote is like having a professional graphics department to create your slides,” said Steve Jobs, Apple’s CEO. “This is the application to use when your presentation really counts.”

Keynote includes 12 Apple-designed themes featuring coordinated backgrounds, fonts, colors, bullets, tables and charts. Users can change the theme of their presentation any number of times, modify an existing theme to their liking, or create custom themes to give their presentations a totally unique look.

Keynote takes advantage of the Mac® OS X-only technology Quartz™ as well as OpenGL to create presentations with stunning, pro-quality graphic elements such as fully anti-aliased text, transparency, dynamic drop shadows and cinematic-quality transitions between slides. Users can easily drag-and-drop graphics, digital photos, QuickTime movies and audio into their slides. Keynote’s alignment guides and rulers ensure that all text and graphic elements are placed precisely where users want them.

Keynote makes it easy to create impressive charts and tables in seconds. Users can choose from eight flexible chart types, progressively disclose chart and table information, and create unique animations, shadows and labels on any chart or table. Chart and table data can be imported from applications such as Excel and AppleWorks® or organized directly in Keynote’s Chart Data Editor.

Keynote also makes managing large slide shows incredibly simple. The innovative slide Navigator gives users a quick visual overview of the whole slideshow at all times. Slide thumbnails can be grouped into sections that can be collapsed or expanded, making it easy to see and organize the big picture. For text-oriented presentations, Keynote provides a text outline view and speaker’s notes.

### **Pricing & Availability**

Keynote is immediately available through the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple’s retail stores and through Apple Authorized Resellers for a suggested retail price of \$99 (US). Minimum system requirements include Mac OS X version 10.2 “Jaguar” (Mac OS X v. 10.2.3 recommended), PowerPC G3 processor, 256MB RAM and 8MB video RAM.

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# Apple Introduces iLife

## Latest Versions of iPhoto, iMovie, iDVD & iTunes Work Together Seamlessly

Apple® introduced iLife™, an integrated suite of Apple's industry-leading digital lifestyle applications, featuring brand new versions of iPhoto™, iMovie™ and iDVD™, and the recently-released iTunes™ 3. iLife is the only integrated suite to include all of the four applications required for today's "digital lifestyle"—digital music, photography, moviemaking and DVD creation—and is the first product to offer the benefits of seamlessly integrating them.

"iLife does for our digital lifestyle what Microsoft Office did for office productivity—all the applications you need are in one box, and they all work together," said Steve Jobs, Apple's CEO. "Apple is far ahead of its PC competitors in offering the best-in-class applications for digital music, photography, moviemaking and DVD creation, and now they all work together seamlessly."

iLife includes incredible new versions of iPhoto, iMovie and iDVD with dozens of advanced new features, all seamlessly integrated to allow users to easily access their digital music, photos and movies from within each application. For example, users can now select music from their iTunes library to use in their iPhoto slideshows, movies or DVD menus from directly within iPhoto 2, iMovie 3 or iDVD 3—without interrupting the creative process by having to switch back and forth between applications.

iPhoto 2 now includes one-click photo Enhance, which can dramatically improve less-than-perfect pictures; a new Retouch tool for removing scratches, hair, lens dirt, etc.; photo archiving to a CD or DVD to preserve and share your iPhoto library; and the ability to email photos with one click using Mac® OS X Mail, Eudora, Entourage and AOL.

iMovie 3 features pro-quality special effects, including the new "Ken Burns" effect for adding emotionally powerful motion to still photos; powerful new audio editing tools and blockbuster sound effects from Skywalker Sound's seven-time Academy Award winner Gary Rydstrom; pro-quality special video effects such as Aged Film, Letterbox and Earthquake; and the ability to add chapter markers to movies for DVD navigation and scene selection.

iDVD 3 includes 24 new pro-quality, Apple-designed, customizable DVD menu themes; automatically created DVD scene selection menus from iMovie chapter markers; and the ability to personalize iDVD 3 themes with personal photos, music and movies using iDVD Drop Zones.

### Pricing & Availability

The iLife applications will be included with all new Macintosh® computers. iPhoto 2 and iMovie 3 are available for free download at [www.apple.com](http://www.apple.com). The iLife retail package with a single installer for all four applications is available at the Apple Store ([www.apple.com](http://www.apple.com)), Apple's retail stores and through Apple Authorized Resellers for a suggested retail price of \$49 (US). An iLife Up-To-Date upgrade package is available to all customers who purchase a new Mac system with SuperDrive™ (DVD-R/CD-RW) on or after January 7 that does not include iLife. The iLife Up-To-Date package is available for a shipping and handling fee of \$19.95 (US). iTunes 3 is currently available for free download at [www.apple.com](http://www.apple.com).

iLife requires Mac OS X version 10.1.5 or later and a Macintosh with a PowerPC G3 or G4 processor; 256MB RAM is recommended. A built-in USB port is required for importing photos to iPhoto from a digital camera and a built-in FireWire® port is required to input digital video from a camcorder. DVD burning from iDVD requires a Macintosh equipped with an Apple SuperDrive (DVD-R/CD-RW) and DVD archiving from iPhoto requires Mac OS X version 10.2 "Jaguar" or later.

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# Apple Delivers AirPort Extreme 802.11g Wireless Networking

## Five Times the Data Rate, Wireless Bridging & USB Printer Sharing

Apple® announced AirPort® Extreme, the next generation of Wi-Fi wireless networking technology based on the new ultra-fast 802.11g standard. With speeds up to 54 Mbps, AirPort Extreme delivers almost five times the data rate of today's 802.11b based products, yet is fully compatible with the millions of 802.11b Wi-Fi devices around the world. Starting at just \$199 (US), the new AirPort Extreme Base Stations offer 54 Mbps data rates for up to 50 users, wireless bridging to extend the range beyond just one base station, and USB printer sharing to allow multiple users to wirelessly share USB printers connected directly to the base station\*.

“Apple was the first computer company to ship products based on 802.11b when it launched AirPort in 1999, kick-starting the entire Wi-Fi wireless revolution,” said Steve Jobs, Apple's CEO. “Today we're doing it again by launching AirPort Extreme, the next generation of wireless products based on 802.11g that runs at 54 Mbps, yet is fully compatible with the millions of 802.11b Wi-Fi devices and Hot Spots around the world.”

AirPort Extreme, based on the new 802.11g wireless standard, operates at up to 54 Mbps—up to five times faster than current Wi-Fi technology. AirPort Extreme works with the installed base of 802.11b devices, including public Hot Spots and Wi-Fi certified 802.11b Windows solutions. AirPort Extreme continues to be the only wireless solution to support dial-up access to America Online and is also compatible with Cisco's LEAP security\*\*. With up to 50 users per base station, AirPort Extreme supports many more users than typical base stations.

AirPort Extreme provides the flexibility and power to service home, school and institutional networking needs. In addition to increased speed, both of the AirPort Extreme Base Stations offer new features such as a USB port for low-cost wireless USB printer sharing and a second 10/100BASE-T Ethernet port for connections to fast LANs and DSL or cable modems. Education campuses and other institutions can take advantage of new features such as a software placement utility for optimal base station location, a software power control that lets administrators adjust the wireless network range to fit a specific area and optional range-extending omni-directional and directional antennas.

A new wireless bridging feature lets customers easily and inexpensively extend the range of a wired network by allowing one AirPort Extreme Base Station on a LAN to “bridge” with up to four additional AirPort Extreme Base Stations, eliminating the need to pull additional cables underground and into buildings.

With Mac OS X version 10.2 “Jaguar” and built-in support for 802.11g, it's never been easier to go wireless. AirPort Extreme with Apple's Rendezvous™ technology enables iChat among networked Macs and can also be used to automatically discover and deploy other Rendezvous-enabled devices on the network, such as printers, without complicated set up. AirPort Extreme offers the latest security features including built-in Firewall and 128-bit encryption. The new smaller and faster AirPort Extreme Card is designed specifically for the internal card slot found in Apple's new PowerBook® G4 notebooks also announced today.

### Pricing & Availability

Available now through the Apple Store® ([www.apple.com](http://www.apple.com)), at Apple's retail stores and Apple Authorized Resellers, the AirPort Extreme solution includes the AirPort Extreme Card for a

suggested retail price of \$99 (US) and the AirPort Extreme Base Station for a suggested retail price of \$199 (US). The AirPort Extreme Base Station with a built-in 56K V.90 hardware modem and additional port for connecting a range-extending antenna has a suggested retail price of \$249 (US).

Apple offers special prices on Macintosh computers for education customers through the Apple Store for Education at [www.apple.com/education/store](http://www.apple.com/education/store) or by calling an Apple education sales representative at 800-800-APPL. To download the latest Apple education price lists, go to [www.apple.com/education/pricelists](http://www.apple.com/education/pricelists).

\*Based on IEEE 802.11g draft specification. Data rates greater than 11 Mbps require an AirPort Extreme Base Station, an AirPort Extreme Card, and an AirPort Extreme-ready computer. To achieve maximum speed of 54 Mbps, all users must use AirPort Extreme Cards. Actual speed will vary based on range, connection rate and other factors. Wireless printing over USB requires Mac OS X v10.2.3 or later and a compatible printer.

\*\*Compatible with AOL 5.0 or later in the U.S. only.

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Thanks for taking the time to read this month's newsletter. Hope you enjoyed it. If you have any comments or suggestions for stories (or would even like to write a story - hint, hint), please send them to me at <mailto:machelpdesk@attbi.com>. Feel free to share this newsletter with a friend. The newsletter archives are located at <http://www.machelpdesk.com/page6a.html>. Y'all come back now, y'hear!