

Apple Shows All-Inside-Screen iMac Computer

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What if you could fit your whole life — all your music, all your photos, all your movies, all your email — in a computer as fun and useful as an iPod? Now you can. Introducing the futuristic [iMac](#) G5 in 17- and 20-inch widescreen models. The entire [computer](#), including a G5-based logic board, slot-loading optical drive, hard disk, speakers, and even the power supply — dwells inside the enchanting display.

The Display is the Computer

Apple designers removed the extraneous, miniaturized the necessary, souped up the performance and concealed the result in immaculate perfection. The iMac G5 hangs suspended from a graceful anodized aluminum stand and its widescreen display lets you chat with several friends while you retouch photos, surf the web or scan email — and see everything at the same time. In fact, the 1680 x 1050 pixel resolution

20-inch display can show more than two full pages side by side. That's 36% more screen area than the 17-inch, at 1440 x 900 pixels.

Technology Democratized

The iMac G5 brings the same innovative system architecture in Apple professional desktops to the home. The G5 processor makes everything zippier — connecting to email or the web, creating movies, songs and DVDs, arranging photos or playing music. Choose a 1.6 or 1.8GHz G5 processor that's ready to run modern 64-bit applications under the secure and stable Mac OS X operating system. What's more, the G5 speeds up Mac OS X and all the other included software, such as iLife '04, Quicken 2004 and World Book.

G5 processor

The PowerPC G5 (called the PowerPC 970FX by its manufacturer, IBM) is based upon IBM's Power4 processor architecture. The PowerPC G5 microprocessor has over 58 million transistors on it and it incorporates IBM's 90 nanometer fabrication process. The processor is manufactured with SOI technology, and IBM's additive-copper, dual-damascene wiring process allows for copper to be used in chip wiring. This processor is the first to implement 64-bit technology.

The Power5 has multiple improvements over the Power4 which includes IBM's version of Simultaneous Multi-threading, also known as hyper-threading, and advanced power management features. Due to the dual core nature of the Power 5 and its inclusion of Simultaneous Multi-threading, each CPU Core appear to be comprised of 4 CPUs. Other improvements include a dedicated single-tasking mode.

All-in-One Ease

iMac G5 tucks away all the modern amenities in its two-inch thin(1) body, such as a slot-loading SuperDrive or Combo drive. Burn DVD slideshows of vacation photos or send friends a DVD with a special movie for the holidays. Back up your iTunes collection or make a mix

CD for that special someone. Naturally, you can pop in your DVD movies and watch them in 16:10 widescreen letterbox format on the gorgeous LCD display. Your ears will hear pristine audio from built-in stereo speakers. Pointed down, the speakers bounce sound waves off your desk, counter or table into your ears.

Go Wireless

Better yet, eliminate the desktop clutter of unnecessary cables with wireless connections to the Internet, your keyboard, mouse or cell phone. Pop an AirPort Extreme Card into your iMac, and you're ready for the freedom of wireless networking from anywhere in your home or dorm — up to 150 feet from an AirPort Extreme Base Station. Or try AirPort Express with AirTunes to stream your music to your stereo and send documents to your printer. Plus, you can configure your iMac with internal Bluetooth to wirelessly access many devices that previously required cable. That means you can get an Apple Wireless Keyboard or Mouse to control your iMac from across the room, or sync your cell phone address book while your phone is in your purse, 30 feet away. Impress your friends, confound your enemies — wireless only looks like magic.

Extreme Graphics

The sizzling graphics processor and next-generation high-bandwidth architecture kicks 3D games and graphics into high gear, with three times the frame rate as the previous iMac in Unreal Tournament 2004. NVIDIA graphics provides hardware transform and lighting (T&L), per-pixel shading and drop-dead gorgeous effects at high resolutions. All models deliver over a billion textured pixels per second and an advanced Live FX engine engineered to generate the most lifelike characters. With Quartz Extreme, the graphics processors take over transform and lighting calculation functions from the CPU, freeing the G5 processor to perform essential system tasks faster than ever before.

Pricing starts at \$1299.

More information at www.apple.com/imac/

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