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Power Macintosh 5500/225: Description (2/97)

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TOPIC -----

This article contains a description of the Power Macintosh 5500/225.

DISCUSSION -----

The Power Macintosh 5500/225 is a convenient, innovative all-in-one system. It combines high-performance features designed to enhance productivity with state-of-the-art multimedia capabilities and Internet access tools to offer a combination of performance, convenience, and outstanding value.

The Power Macintosh 5500/225 Color System includes Power Macintosh 5500/225 (32/2GB/256K L2 cache) with built-in 15-inch (12.8-inch diagonal viewable image size) multiple-scan color display, 12x-speed CD-ROM drive, built-in Ethernet, video-capture card, NTSC TV video-out connector, stereo sound, microphone, AppleDesign Keyboard, and mouse.

Come Up to a New Level of All-In-One Performance

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All-in-one computers have always been convenient-and often economical-but today they're reaching new levels of performance. The advanced Apple Power Macintosh 5500/225 features one of the most powerful processors ever made available in a system developed for education: a 225-megahertz PowerPC 603e. This processing speed is complemented by the system's built-in Ethernet connection, for high-speed networking. And to ensure that the Power Macintosh 5500/225 can continue to meet your needs in the future, it offers an industry-standard PCI expansion slot.

Next-Generation Multimedia

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Educational multimedia has been an Apple stronghold for years-ever since instructors first learned the educational value of its unique ability to engage students in the process of learning. The Power Macintosh 5500/225 builds on Apple's legacy in this area by providing several innovative features designed to further enhance your multimedia capabilities. For example, it provides built-in 2D and 3D graphics acceleration, as well as a 12x-speed CD-ROM drive. In addition, the 5500/225 features a new kind of video-out capability-TV video-out, which allows for easy and instant

connection to any video-in NTSC television. It also comes with a standard built-in video-in card and optional TV/FM radio tuner capabilities. And on the audio side, built-in stereo speakers offer rich digital sound quality.

Easy Access to the Internet

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In addition to multimedia, the other hot topic in education is the Internet. Every day, more and more schools are discovering the educational value of this amazing information and communications resource. The Power Macintosh 5500/225 makes it easy to join the ranks of the Internet world, because it comes with a CD containing all the software you need for Internet access. (Modem or direct connection to the Internet is required. Access fees from Internet service provider are extra.) You and your students can use this computer to do everything from "surfing the net" for news on current events to using Internet-based electronic mail and bulletin boards to collaborate on projects with geographically distant peers. It can even run Apple's innovative Cyberdog software, which lets you tailor access to the Internet to enhance its educational utility-for example, by creating computer-based curriculum materials that contain actual live links to appropriate web sites.

The Power Macintosh 5500/225-the next generation of advanced capabilities in a convenient, affordable all-in-one computer.

Macintosh Advantages

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Because they're so easy to set up, learn, use, and expand, Macintosh computers let schools accomplish more, in less time and with less effort, than other computers. And Power Macintosh computers offer new levels of performance and advanced applications.

It's a Great Value

The Power Macintosh 5500/225 is the next generation in Apple's economical, all-in-one computer line designed expressly for education. This flexible, convenient workstation can help schools get more out of their computing budgets in the short term, while providing room to grow in the future. You should also keep in mind that, over the long term, Macintosh computers consistently cost less than PCs because they require less training, maintenance, and support.

Schools Can Do More with Macintosh

Like all Macintosh computers, the Power Macintosh 5500/225 runs thousands of applications, including productivity, reference, resource, and administration tools. You can do more with Macintosh computers because more top-rated education software runs on Macintosh.

It's Easy to Use

Because the Power Macintosh 5500/225 features an all-in-one design that makes it incredibly easy to set up, you can start using it to do productive work as soon as you take it out of the box. And it's easy to learn to use new applications, because all Macintosh software works in the same intuitive fashion.

It's Ideal for multimedia

The Power Macintosh 5500/225 has advanced multimedia features built in-so you can get involved with every aspect of this exciting new technology. Teachers and students can take advantage of the on-board 2D/3D graphics acceleration and built-in video-input/output and sound capabilities to create compelling presentations, as well as to work with existing multimedia courseware.

Features

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Power and Speed

- * 225-MHz PowerPC 603e processor
- * Standard 256K level 2 cache
- * Powerful 50-MHz system bus architecture
- * Built-in high-speed Ethernet connection (twisted-pair)

Memory and Storage

- * 32 MB of RAM, expandable to 128 MB
- * Two DIMM slots (one occupied by a 32 MB DIMM)
- * Apple SuperDrive floppy disk drive (reads and writes Mac OS, Windows, DOS, OS/2, and ProDOS files)
- * Internal 2GB IDE hard disk drive
- * Internal tray-loading 12x-speed SCSI CD-ROM drive

Display

- * 15-inch (12.8-inch diagonal viewable image size) multiple-scan color display
- * 2 MB dedicated video RAM
- * Supports 2D/3D onboard video acceleration
- * Supports 640 by 480, 800 by 600, and 832 by 624 pixels at 24 bits (millions of colors)
- * Supports 1,024 by 768 pixels at 16 bits (thousands of colors)
- * 0.28-mm dot pitch

Expansion

- * PCI slot (accommodates industry-standard 6.88-inch/short cards)

Multimedia Features

- * TV video-out for connecting directly to any NTSC television with video-in
- * Video-in card, so you can record video from a camcorder, VCR, or laserdisc

Optional Multimedia Features

- * TV/FM radio tuner
- * Avid Cinema card and software for simple, straightforward digital video creation and editing on the desktop (available spring 1997)

Features Built into Every Macintosh

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Usability

- * Runs thousands of Macintosh applications, including most top-rated curriculum programs and administrative software, as well as hundreds of applications optimized to take advantage of PowerPC processor technology
- * Is easy to set up, learn, use, and expand

System Software

- * Includes Apple Guide, Drag and Drop, AppleScript, Macintosh PC Exchange, Macintosh Easy Open, and more

Networking

- * Built-in AppleTalk networking
- * File sharing without a dedicated server

Ordering Information

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Power Macintosh 5500/225 (32/2GB/256K L2 cache) with built-in 15-inch (12.8-inch DVIS) multiple-scan color display, 12x-speed CD-ROM drive, twisted-pair Ethernet networking, video-capture card, NTSC TV video-out connection, stereo speakers, microphone, AppleDesign Keyboard, and mouse.

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