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Power Macintosh 6500/225 & 6500/250: Description (2/97)

Article Created: 24 February 1997

TOPIC -----

This article contains a description of the Power Macintosh 6500/225 and 6500/250.

DISCUSSION -----

The Power Macintosh 6500/225 and 6500/250 represent a new look in Apple Education computers: a space-saving modular tower design that combines superior-quality performance features designed to enhance productivity with state-of-the-art multimedia capabilities and Internet access tools to let you enjoy the advantages that top-of-the-line technology can bring to teaching and learning.

The Power Macintosh 6500/250 includes Power Macintosh 6500/250 (32/3GB/256K L2 cache) with IomegaZip drive, 12x-speed CD-ROM drive, built-in Ethernet, video-capture card, NTSC TV video-out connector, stereo sound, microphone, AppleDesign Keyboard, and mouse. (Monitor sold separately.)

Enjoy the State of the Art in Educational Computing Performance

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Interested in a high-performance computer series that truly bridges the gap between the convenient all-in-one systems designed specifically for education and the flexible, modular desktop computers that are frequently used in businesses and universities? These advanced computers provide exactly that. And you can choose the precise display you want from the range of exciting solutions available from Apple. The Apple Power Macintosh 6500 series systems feature the most powerful processors ever offered by Apple in a system for education: a 225- or 250-megahertz PowerPC 603e. This processing speed is complemented by the built-in Ethernet connection for high-speed networking. To ensure that you can configure them to meet your needs in the future, the Power Macintosh 6500 series systems offer two industry-standard PCI expansion slots, a 2GB or 3GB hard disk, and an Iomega Zip drive that uses 100MB removable cartridges for easy file sharing, transfer, and backup. And the two models in this series are designed to give you flexible purchase options: the Power Macintosh 6500/225 provides high-end performance for productivity tasks and multimedia activities, while the Power Macintosh 6500/250 adds advanced multimedia capabilities.

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 6500 series builds on Apple's legacy in this area by providing several innovative features. For example, both systems offer built-in 2D and 3D graphics acceleration, as well as a 12x-speed CD-ROM drive. In addition, the Power Macintosh 6500/250 features a new kind of video-out capability-TV video-out, which allows for easy and instant connection to any video-in capable NTSC television. It also comes with a built-in video-in card and optional TV/FM radio tuner capabilities. And on the audio side, when you plug in external speakers, the built-in speaker becomes a subwoofer.

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 6500 series systems come 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 these computers 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. They 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 6500 series-the next generation of advanced educational computing capabilities in a flexible, modular tower design.

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 6500 series systems are flexible, modular workstations that take schools to the cutting edge of educational technology today, 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 6500 series systems run 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 6500 series features a space-saving modular tower design along with Apple's famed plug-and-play ease of connection, you can choose to purchase the Apple display that fits your needs-while resting assured that you can simply plug it in and get started computing right away. 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.

Both systems in the Power Macintosh 6500 series have advanced multimedia features built in-so you can get involved with every aspect of this exciting new technology. And the Power Macintosh 6500/250 features built-in video-in, as well as a new kind of video-out that lets you connect to an NTSC television with video-in. Teachers and students can take advantage of the built-in multimedia capabilities to create compelling presentations, as well as to work with existing multimedia courseware.

Features

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Power and Speed

- * 225- or 250-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 32MB DIMM)
- * Apple SuperDrive floppy disk drive (reads and writes Mac OS, Windows, DOS, OS/2, and ProDOS files)
- * Internal 2GB IDE hard disk drive (6500/225)
- * Internal 3GB IDE hard disk drive (6500/250)
- * Internal tray-loading 12x-speed CD-ROM drive
- * Iomega Zip drive for easy file sharing, transfer, or backup

Display

- * Supports all Apple displays currently being sold, as well as many displays from third parties
- * 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)

Expansion

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

Multimedia Features

- * Built-in TV video-out for connecting directly to any NTSC television with video-in (Power Macintosh 6500/250 only)
- * Video-in card, so you can record video from a camcorder, VCR, or laserdisc (Power Macintosh 6500/250 only)

Optional Multimedia Features

- * Expansion bay for optional TV/FM radio tuner
- * Subwoofer audio capabilities-when external speakers are connected
- * Avid Cinema card and software for simple, straightforward digital video creation and editing on the desktop (available Spring 1997)

Features Built into Every Macintosh

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

* Power Macintosh 6500/225 (32/2GB/256K L2 cache) with 12x-speed CD-ROM drive, 100 MB Iomega Zip drive, Ethernet networking, stereo sound, microphone, AppleDesign Keyboard, and mouse. Monitor sold separately.

Order No: M5606LL/A

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Keywords: kppc,specsht

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This information is from the Apple Technical Information Library.

ArticleID: TECHINFO-0021014

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Tech Info Library Article Number: 21014