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

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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
==
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
============================
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
============================
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
========
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
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* 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

* Power Macintosh 6500/250 (32/3GB/256K L2 cache) with 12x-speed CD-ROM drive,
100 MB Iomega Zip drive, Ethernet networking, video-capture card, NTSC TV
video-out connection, stereo sound, microphone, AppleDesign Keyboard, and mouse.
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