



Tech Info Library

Power Macintosh 7500 Series: Description (4/97)

Revised: 5/2/97
Security: Everyone

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Article Created: 3 July 1995
Article Reviewed/Updated: 2 May 1997

TOPIC -----

This article contains a description of the Power Macintosh 7500/100 series of computers.

DISCUSSION -----

Overview

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The Apple Power Macintosh 7500/100 computer is a professional computer with a new architecture that offers more flexible capabilities than previous models. If you need increased performance and expandability for your business, regardless of its size, the 7500/100 delivers—and preserves your investment into the future.

Built-in video input capability, high-resolution graphics (up to 1,280 by 1,024 pixels), and CD-quality stereo sound add vitality to everyday business projects and let you explore new computer-enabled applications. For example, the Power Macintosh 7500/100 optimizes the transfer of video data between a network and the computer's display monitor, making this an ideal system for videoconferencing. Apple's own QuickTime Conferencing software is even included.

Power Macintosh 7500 systems include three Peripheral Component Interconnect (PCI) expansion slots. Because PCI is an industry standard, you can find inexpensive PCI cards for a variety of uses, including video-conferencing, connection to faster peripherals, and high-speed networking. Many PCI cards include the necessary software to work with Macintosh systems. PCI support allows you to standardize on one type of card in your organization, saving you support time and dollars.

Connecting your computer to an Ethernet network is easier than ever with the Power Macintosh 7500, because it includes both AAUI and 10Base-T connectors.

With a PowerPC 601 RISC processor running at 100 megahertz that you can upgrade to an even more powerful 604 processor, the Power Macintosh 7500/100 gives you all the advantages of PowerPC technology now—with plenty of room to grow later.

Power Macintosh 7500 systems run most applications written for 680x0-based Macintosh computers, as well as applications that have been accelerated to take advantage of their PowerPC processors. By adding SoftWindows software from Insignia Systems, you can also run MS-DOS and Windows applications, enabling the 7500 to fit into almost any computing environment.

Whether you are selecting computers for a large corporation or a one-person home office, the Power Macintosh 7500/100 system's PowerPC performance and PCI expandability offer the versatility you need for professional computing.

Features

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High Performance

- 100-MHz PowerPC 601 processor, user upgradable to 604 processor
- Built-in floating-point processor and 32K cache

Communications and multimedia

- 64-bit VRAM graphics subsystem
- Two high-speed serial ports compatible with GeoPort and LocalTalk cables
- Quadruple-speed CD-ROM drive
- 16-bit stereo audio input and output
- 24-bit composite and S-video input
- Support for speech-recognition and text-to-speech capabilities
- Optimized for QuickTime Conferencing software

Expandability

- Three industry-standard PCI expansion slots
- SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Internal expansion bay for additional hard disk drive

Compatibility

- 10Base-T and AAUI Ethernet connectors
- Open Transport networking software (TCP/IP and AppleTalk)
- Runs most 680x0 Macintosh applications as well as applications accelerated for Power Macintosh computers
- Allows you to open and use MS-DOS 6.0 and Windows 3.1 documents and disks
- Runs MS-DOS and Windows applications via SoftWindows software (not included)

System 7.5 Software

- Makes working with different applications consistent, so they are easier

to learn and use

- Allows easy customization of your Macintosh to reflect the way you work
- Provides active assistance in learning new features with Apple Guide

Included Software

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The Power Macintosh 7500 series comes with Macintosh System Software 7.5.2. The following Apple and third-party software is also included:

- Apple Telecom 2.1
- Megaphone 1.02sp (which does NOT include the 30-day trial of Megaphone's advanced telephony features)
- Drive Setup 1.0 (a new version, with a new user interface, of the hard drive setup utility that includes support for: partitioning drives, larger drive volumes—up to 2 terabytes—and removable media drives)
- CD-ROM 5.1
- Energy Saver
- Energy Saver Apple Guide (on-line active assistance)
- Apple Video Player (Allows simple display, capture and cut and paste of video input)
- Apple VideoPhone (Apple VideoPhone uses the built-in QuickTime Live API to provide a point to point video conferencing over a LAN network)
- Sound & Displays control panel (replaces the current Monitors, Sounds, and AV Setup control panels, providing a simplified interface that makes all of the video, monitor, and sound input and output much more accessible and usable)
- Sound & Displays Apple Guide (on-line active assistance))
- Control Strip (like the control strip on PowerBooks)
- PlainTalk 1.4 (which includes all the new TTS voices and a scaled back version of the Speech Recognition)
- Simple Sound (which provides users with an easy way to record sounds)
- QuickTime 2.09
- QuickDraw 3D
- Video Shop (AVID VideoShop 3.0 will be included to support an out-of-box editing solution)
- Lotus Notes Express (a \$99 value, Lotus Notes Express introduces Power Macintosh customers to this industry-standard "groupware" product and gives them access to seven frequently used Lotus Notes applications)

What's In The Box

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The Power Macintosh 7500 series computers will ship with the following components in the box:

- Power Macintosh 7500 series computer
- Mouse
- PlainTalk Microphone
- Power cable
- Power Macintosh 7500 User's Guide

- Power Macintosh 7500 Technical Specifications
- Power Macintosh 7500 bootable CD
- Product Registration card
- PCI Brochure
- RSA coupon
- Apple Resource Guide
- Warranty Card, decals, software license agreement, Visa application form
- Packing Slip

Ordering Information

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Power Macintosh 7500/100 16/500/4xCD configuration*

- Power Macintosh 7500/100 computer with 16/16 MB of RAM, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 500 MB hard disk drive, an internal quadruple-speed CD-ROM drive, and a PlainTalk microphone
- Order No. M3100LL/A

Power Macintosh 7500/100 16/1 GB/4xCD configuration*

- Power Macintosh 7500/100 computer with 16/16 MB of RAM, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1 GB hard disk drive, an internal quadruple-speed CD-ROM drive, and a PlainTalk microphone
- Order No. M3102LL/A

Power Macintosh GeoPort Telecom Adapter

- Order No. M3127LL/A

* All configurations include mouse; system software version 7.5.2;

Article Change History:

01 May 1997 - Removed out dated on line references.
28 Apr 1997 - Removed out dated on line references.
17 Sep 1996 - Corrected Energy compliance info.

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Tech Info Library Article Number:18070