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Pwr Macintosh DOS Compatibility Card: Specifications (6/95)

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TOPIC -----

This article contains the specifications for the DOS Compatibility Card for the Power Macintosh 6100 and Macintosh Performa 6100 Series.

DISCUSSION -----

For users who want the utmost in power and compatibility, the DOS Compatibility Card for Macintosh can turn your Power Macintosh 6100 or Performa 6100 series computer into the most flexible, versatile system available. Featuring a 486 DX2 processor, the DOS Compatibility Card for Macintosh lets you run DOS and Windows applications directly on the Macintosh at a fast 66 megahertz. You can even instantly switch between the Macintosh operating system and DOS environments to take advantage of the best of both worlds.

With the DOS Compatibility Card for Macintosh, your Power Macintosh 6100 or Performa 6100 series computer becomes a powerful dual-microprocessor system. The 486 DX2 processor on the card delivers strong performance for DOS and Windows applications. Because the microprocessors work independently, you can run Macintosh and DOS or Windows applications simultaneously. In fact, you can even cut and paste information between them, as well as share folders and disks.

In addition, the DOS Compatibility Card for Macintosh helps your Power Macintosh 6100 or Performa 6100 series computer fit into your work environment better than ever. Once you install the card, your system will support DOS and Windows network applications and services using Novell NetWare IPX or TCP/IP protocols over the built-in Ethernet network connection—in addition, of course, to its built-in standard Macintosh networking capabilities. You can even run DOS and Windows multimedia applications with the built-in SoundBlaster 16 support.

In short, the DOS Compatibility Card for Macintosh can help you to get your work done easily and efficiently—no matter what environment you're working in.

Features

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High Performance

66-MHz 486 DX2 processor; 32-bit data bus

Supports up to 32 MB of RAM on card

Expansion RAM

Single Macintosh-compatible 72-pin SIMM slot for up to 32 MB of 80ns local RAM on DOS Compatibility Card

DOS environment can access either shared memory on the Macintosh logic board or local memory on the DOS Compatibility Card

When no SIMM is installed on the DOS Compatibility Card, shared memory is being used. The amount of memory allocated to the DOS Compatibility Card is set using the PC Setup control panel.

Video RAM (VRAM)

512K RAM for video (DOS environment)

Compatibility

Lets your Power Macintosh 6100 or Performa 6100 series run DOS and Windows programs directly on a 486 processor

Includes Microsoft MS-DOS 6.22 and Windows 3.1

Includes SoundBlaster 16 16-bit stereo sound output for PC multimedia compatibility

Provides "hot-key switching" (screen displays either Macintosh or DOS/Windows environment; lets you toggle between the two)

Supports VGA/SVGA monitors

Includes Macintosh ODI Driver for NetWare IPX and TCP/IP support in the DOS/Windows environment

Supports DOS-formatted floppy disks and CD-ROM discs

Includes PC game port

Integration

Lets you copy and paste between Mac OS and DOS environments

Allows folder and disk sharing between Mac OS and DOS environments

Lets you print from either environment to a Macintosh-compatible printer

Parallel Port

Macintosh printer port can emulate PC-compatible parallel port

Keyboard

Macintosh ADB keyboard and mouse emulate PC AT-compatible keyboard and PS/2-compatible mouse

Storage

Works with built-in Apple SuperDrive 1.4 MB floppy disk drive, which uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks

Works with internal hard disk of Power Macintosh 6100 or Performa 6100 series

Optional internal CD-ROM drive

Displays

Works with Apple 13-inch, 14-inch, and 16-inch, Multiple Scan displays, as well as third-party VGA and SuperVGA displays

Network

Macintosh ODI Driver for NetWare IPX and TCP/IP support in DOS/Windows environment using the built-in Ethernet connections. (Client software not included)

Environmental Requirements

Operating temperature: 50 to 104 degrees F (10 to 40 C)

Storage temperature: -40 to 117 degrees F (-40 to 47 C)

Humidity: 10% to 95% noncondensing

Altitude: 10,000 feet maximum (3048 m)

System Requirements

Macintosh 6100 or Performa 6100 series computer. (Excludes the 6100AV)

Installation

Does not require installation by dealer

Ordering Information

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Power Macintosh 6100/66 16 MB Hard Disk 500 CPU with DOS Compatibility Card --
Order No. M3972LL/A

DOS Compatibility Card for Power Macintosh 6100/60 or /66, or Performa 6100

series -- Order No. M3581LL/A

Note: All Power Macintosh CPUs include FPU, Ethernet, and 256K cache

Contents

- DOS Compatibility Card
- MS-DOS 6.22 manual and disks
- Microsoft Windows 3.1
- Macintosh PC Exchange Users Guide
- Monitor cable

The following computers are in the Macintosh Performa 6100 series: Performa 6110, Performa 6112, Performa 6115, Performa 6117, and Performa 6118.

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- 12 Jun 1995 - Added keyword.
- 30 Mar 1995 - Corrected Mac OS name.
- 21 Mar 1995 - Added shared memory information.

Support Information Services

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