



# Tech Info Library

## PC Compatibility Cards for Power Macintosh: Description (4/97)

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TOPIC -----

This article contains the descriptions for the PC Compatibility Cards for Power Macintosh Computers.

DISCUSSION -----

### Overview

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For people who want power, ease-of-use, and compatibility, Apple PC Compatibility Cards can turn your Power Macintosh computer into the most flexible, versatile system available.

Offering either a Pentium 100-megahertz processor on a 12-inch card or a 586 100-megahertz processor on a 7-inch card, these PC Compatibility Cards let you run MS-DOS and Windows applications directly on your Power Macintosh computer. You can switch instantly between Mac OS, Windows, and MS-DOS environments with a single keystroke.

With the PC Compatibility Cards, your Power Macintosh computer becomes a powerful dual micro-processor system. The Pentium pro-cessor delivers fast performance for MS-DOS and Windows applications. The 586 processor offers a more affordable option, yet still runs all the same applications.

Because the Power Macintosh PowerPC processor and the Pentium (or 586) processors work independently, you can run Macintosh and MS-DOS or Windows applications concurrently. In fact, you can even cut and paste information between them, as well as share folders and disks.

In addition, the PC Compatibility Cards help your Power Macintosh computer fit into your work environment better than ever. Once you install either card, your system will support MS-DOS and Windows net-work applications and services using

Novell NetWare SPX/IPX, TCP/IP, and NETBEUI protocols over the built-in Ethernet network connection—in addition to its standard Macintosh networking capabilities.

You can even run MS-DOS and Windows multimedia applications using your computer's built-in CD-ROM drive, with the built-in Sound Blaster-16 support.

In short, with a PC Compatibility Card for MS-DOS and Windows environments, you don't have to choose between operating systems—you can run more software than any other mainstream personal computer on the market.

#### Features

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#### PC Compatibility Card (with Pentium processor)

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- Pentium 100-MHz processor with integrated floating-point unit (FPU)
- 256K level 2 cache
- 8 MB of RAM, expandable to 72 MB

#### PC Compatibility Card (with 586 processor)

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- 586 100-MHz processor with FPU
- 128K level 2 cache
- 8 MB of RAM, expandable to 64 MB

#### General Compatibility Information (both cards)

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- Allows a Power Macintosh computer with a Peripheral Component Interface (PCI) slot to run MS-DOS and Windows programs directly without software emulation
- Includes Microsoft MS-DOS 6.22
- Compatible with Windows 3.1, Windows for Workgroups 3.11, and Windows 95 (not compatible with Window NT or OS/2)
- Includes Sound Blaster-16 support for MS-DOS and Windows PC multimedia compatibility
- Supports single-keystroke switching between Mac OS, MS-DOS, and Windows environments
- Works with all current Apple displays as well as with most third-party VGA and SVGA displays
- Lets you copy and paste between Mac OS and Windows environments
- Prints from MS-DOS and Windows with a Mac OS-compatible printer (PostScript printer recommended for best performance)
- Supports Novell NetWare SPX/IPX, TCP/IP, and NETBEUI protocols in MS-DOS and Windows environment
- Includes PC game port

#### Macintosh Compatibility

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Both the 7-inch 586 and 12-inch Pentium PC Compatibility Cards are compatible with all Power Macintosh computers that include Peripheral Component Interface (PCI) slots, including:

- Power Macintosh 7200-series computers
- Power Macintosh 7500-series computers
- Power Macintosh 7600-series computers
- Power Macintosh 8500-series computers
- Power Macintosh 9500-series computers
- Power Macintosh 5400/120-series computers\*

\*The Power Macintosh 5400/120 (M4781LL/A) supports the 7-inch (M4091LL/B), but NOT the 12-inch PC Compatibility Card M4092LL/A). The 7-in. PC Compatibility Card M4091LL/A will function in a 5400/120, though there are some cabling differences to accommodate the differences in case design.

#### Display Compatibility

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Both cards work with all current Apple displays and with most third-party VGA and SVGA monitors.

#### DOS/Windows Compatibility

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Both cards support MS DOS 6.22 (which ships with the cards) and Windows 3.1, Windows for Workgroups 3.11, and Windows '95 (any or all of which would have to be purchased separately). The cards are NOT compatible with Windows NT or OS/2.

The cards come with an ODI driver that supports Novell NetWare SPX/IPX, TCP/IP, and NETBEUI protocols in the MS-DOS and Windows environments.

They allow customers to print to Macintosh OS-compatible printers from either DOS or Windows.

#### Usage Requirements

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The two PC Compatibility Cards require a PCI-based Power Macintosh computer. Only the 7-inch PC Compatibility Card (M4091LL/B; note revision B) is fully compatible with the Power Macintosh 5400/120 (M4781LL/A), which is sold only in the Education Market.

#### Bundled Software

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The PC Compatibility Cards ship with MS-DOS 6.22 and with Macintosh System Software 7.5.3.

#### User Installation

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- Dealer installation not required

#### Ordering Information

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#### PC Compatibility Card (with Pentium Processor)

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- Order No. M4092LL/A
- Pentium 100-MHz processor with FPU and 256K level 2 cache on 12-inch PCI

card that runs MS-DOS 6.22, Windows 3.1, Windows for Workgroups 3.11, and Windows 95

- 8 MB of RAM, expandable to 72 MB
- System software version 7.5.3
- MS-DOS version 6.22
- Complete installation, learning, and reference documentation
- Limited one-year hardware warranty

PC Compatibility Card (with 586 Processor)

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- Order No. M4091LL/B
  - 586 100-MHz processor with FPU and 128K level 2 cache on 7-inch PCI card that runs MS-DOS 6.22, Windows 3.1, Windows for Workgroups 3.11, and Windows 95
  - 8 MB of RAM, expandable to 64 MB
  - System software version 7.5.3
  - MS-DOS version 6.22
  - Complete installation, learning, and reference documentation
  - Limited one-year hardware warranty

NOTE:

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

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Article Change History:

- 16 Apr 1997 - Edited rev /B information for clarity.
- 10 Oct 1996 - Added /B revision information.
- 26 Apr 1996 - Added alley information.

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