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## Power Macintosh: Upgrades Available (4/97)

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### TOPIC -----

This article describes the Power Macintosh Upgrade Card, the Macintosh Processor Upgrade Card (discontinued), and the Power Macintosh Logic Board Upgrades.

### DISCUSSION -----

Macintosh owners who want the new high-speed capabilities of Power Macintosh computers, but don't want to sacrifice their previous investments have several upgrade options: the Power Macintosh Upgrade Card (which is no longer available from Apple Computer), the Macintosh Processor Upgrade Card (discontinued), and the Power Macintosh Logic board Upgrades.

You can install the Power Macintosh Upgrade Card (which is no longer available from Apple Computer) into the 68040 processor-direct slot of your Macintosh computer yourself by following simple, step-by-step instructions. The card adds the benefits of Power Macintosh technology to your Macintosh and provides speeds up to four times faster when using programs optimized for Power Macintosh technology. And you can still run all your existing Macintosh applications.

The Macintosh Processor Upgrade Card (discontinued) upgrades some 68040 systems with the PowerPC microprocessor. It is available for the Macintosh Quadra 605, Macintosh LC 475, Performa 47x, Macintosh LC 57x, Performa 57x, Macintosh LC 580, Performa 58x, Macintosh LC 630, Macintosh Quadra 630, and Performa 630 series of computers. Once installed, the upgrade occupies the LC-PDS slot of your Macintosh computer.

In addition, even greater performance, as well as speech and telephone capabilities, can be yours if you choose the appropriate Power Macintosh Logic Board Upgrade for your Macintosh. These logic board upgrades give your computer capabilities identical to those of the Power Macintosh model to which you've upgraded.

Installation of both the Macintosh Processor Upgrade Card and the Power Macintosh Logic Board Upgrade must be performed by an authorized Apple reseller. Your upgraded computer will retain your existing hard drive and, in most cases, your DRAM SIMMs, allowing you to take advantage of Power Macintosh capabilities and software written to take advantage of those capabilities.

The Power Macintosh Upgrade Card, the Macintosh Processor Upgrade Card, and the Power Macintosh Logic Board Upgrade give you the best of both worlds: Power Macintosh capabilities designed for the future, built on the foundation of the investment you already have in your Macintosh today.

#### Power Macintosh Upgrade Cards

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(This product has been discontinued and is no longer available from Apple Computer.)

#### Begin\_Table

Computer	040 speed	PowerPC 601 speed
-----	-----	-----
Quadra 950	33 MHz	66 MHz
Quadra 900	25	50
Quadra 800	33	66
Quadra 700	25	50
Quadra 650	33	66
Quadra 610	25	50
Centris 650	25	50
Centris 610	20	40

#### End\_Table

#### Features of Power Macintosh Upgrade Card

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##### Power and speed

- Includes PowerPC 601 microprocessor with floating-point processor and 32K cache.
- Card runs at double the processor speed of your Macintosh computer
- Includes 1MB level-2 cache

##### Easy, do-it-yourself installation

- Simple, step-by-step instructions with illustrations allow you to install it yourself.
- Most installations require no tools

##### Compatibility

- On-board Power Macintosh ROM
- Runs programs written for Power Macintosh
- Runs Macintosh programs
- Runs MS-DOS and Windows programs (with third-party SoftWindows software)

Macintosh Processor Upgrades Available

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Begin\_Table

Computer	040 speed	PowerPC 601 speed
-----	-----	-----
Quadra 605	25 MHz	50 MHz
Quadra 630	33	66
LC 475	25	50
LC 57X	33	66
LC 58X	33	66
LC 630	33	66
Performa 57X	33	66
Performa 58X	33	66
Performa 630	33	66

End\_Table

Features of Macintosh Processor Upgrade (discontinued)

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Power and speed

- Includes PowerPC 601 microprocessor with floating-point processor and 32K cache.
- PowerPC chip runs at double the processor speed of your Macintosh computer
- Includes 256K level-2 cache

Compatibility

- Macintosh System 7.5 (included)
- On-board Power Macintosh ROM
- Runs programs written for Power Macintosh
- Runs Macintosh programs
- Runs MS-DOS and Windows programs (with third-party SoftWindows software)

Logic Board Upgrades Available

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The following table lists the Macintosh computers that can be upgraded to the Power Macintosh 8500 using the Power Macintosh 8500 Logic Board Upgrade (M3807LL/B) and a Power Macintosh Processor Upgrade Card (180 MHz M5458LL/A).

Begin\_Table

Computer	Processor speed	PowerPC 604 speed
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Quadra 800	33 MHz	180 MHz
Quadra 840AV	40	180
Workgroup Server 80	33	180
Workgroup Server 8150/80	80	180

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Workgroup Server 8150/110	110	180
Power Macintosh 8100/80	80	180
Power Macintosh 8100/100	100	180
Power Macintosh 8100/110	110	180

End\_Table

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#### Article Change History:

- 08 Apr 1997 - Updated with availability information.
- 24 Sep 1996 - Updated information.
- 08 Feb 1996 - Removed note

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