Power Macintosh: Upgrades Available (9/96)

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TOPIC ---

This article describes the Power Macintosh Upgrade Card, the Macintosh Processor
Upgrade Card, 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, 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 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

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

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Computer          040 speed      PowerPC 601 speed
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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
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End_Table

Features of Macintosh Processor Upgrade

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

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

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