Pwr Mac Processor Crds & Logic Brd Upgrades: Descriptions (2/97)

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TOPIC ---

This article contains descriptions of the Power Macintosh Logic Board Upgrades and the Power Macintosh Processor Upgrade Card.

DISCUSSION --

Overview
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If you're a Macintosh owner who wants to gain the advanced capabilities of more powerful Power Macintosh models without sacrificing your previous investments, Apple has good news for you.

Logic board upgrades

Logic board upgrades are now available that give any Power Macintosh 7200 series system the advanced capabilities of the Power Macintosh 7600 series, and that turn Macintosh Quadra 800 or 840AV, or Power Macintosh 8100 computers into Power Macintosh 8500 series systems.

These upgrades feature processor upgradability, so you can select the Power Macintosh Processor Upgrade Card that best meets your requirements -- secure in the knowledge that if your needs change, you can easily upgrade to a faster processor in the future.

If you own a Power Macintosh 7200 series computer, the Power Macintosh 7600 Logic Board Upgrade can transform your system into a Power Macintosh 7600 series system, with video-input capabilities.

The Power Macintosh 8500 Logic Board Upgrade works in much the same way, transforming your Macintosh Quadra 800, Macintosh Quadra 840AV, or Power Macintosh 8100 into the advanced Power Macintosh 8500 series.

High-performance features include a complete, near-broadcast-quality video-input/output subsystem that's optimized for video editing. And, as with the 7600 upgrade, you can opt for the processor of your choice, with no worry about obsolescence.

Power Macintosh Processor Upgrade Cards

The Power Macintosh Processor Upgrade Card is currently available in two processor speeds: one with a 120-megahertz PowerPC 604 RISC processor, and the other with the even more powerful 132-megahertz PowerPC 604. They work not only with the two Power Macintosh Logic Board Upgrades, but also with many of the existing Power Macintosh systems with Peripheral Component Interconnect (PCI) expansion slots.

Whatever Power Macintosh upgrade is right for you, you can rest assured that your investment in current equipment is protected, because your Power Macintosh was designed to provide the performance you need -- now and in the future.

Features of Power Macintosh Logic Board Upgrades

Available models

- Power Macintosh 7600
  - The 7200 to 7600 Logic Board Upgrade (M3842LL/A) will allow customers with a Power Macintosh 7200 to upgrade their systems to a Power Macintosh 7600.

NOTE:
This logic board upgrade ships WITHOUT a Processor Upgrade Card. Customers will have to purchase one separately which gives them the opportunity to decide how fast a processor they want to add to their system.

- Power Macintosh 8500
  - The Power Macintosh 8500 Logic Board Upgrade (M3807LL/C*) will allow customers with the following systems to upgrade to the Power Macintosh 8500:

  - Macintosh Quadra 800 computer
  - Macintosh Quadra 840AV computer
  - Power Macintosh 8100 series computers

* The /C revision of this logic board upgrade includes a software revision to accommodate 8xCD-ROM drives.

NOTE:
As with the 7200 to 7600 Logic Board Upgrade, a Processor Upgrade Card is NOT be included with the 8500 Logic Board Upgrade. Customers will have to purchase one separately which gives them the opportunity to decide how fast a processor they want to add to their system.

Power and speed

- Processor upgradability with choice of available PowerPC processor options.

Memory and storage

• Power Macintosh 7600 upgrade can use the existing RAM from your
  Power Macintosh 7200
• Power Macintosh 8500 upgrade comes with 8 MB of RAM
• Both upgrades retain existing hard disks
• 256K level 2 cache

Expansion slots

• Both logic board upgrades feature PCI expansion slots*

Additional capabilities

• Power Macintosh 7600 upgrade provides video-input capabilities
• Power Macintosh 8500 upgrade includes video-input/output subsystem

Installation

Logic board upgrades must be performed by an authorized Apple reseller or service provider.

Features of Power Macintosh Processor Upgrade Card
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Power and speed

• Includes PowerPC 604 processor with floating-point processor and 32K on-chip cache.

Ordering Information
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Power Macintosh 7600 Logic Board Upgrade*

• Order No. M3842LL/A
• Power Macintosh 7600 logic board with video-input capabilities
• Accessory kit with documentation and a CD-ROM containing system software version 7.5.3

* Requires processor purchase (see Pro-cessor Upgrade Card information); logic board upgrades must be performed by an authorized Apple reseller or service provider

Power Macintosh 8500 Logic Board Upgrade*

• Order No. M3807LL/C
• Power Macintosh 8500 logic board with video-input/output subsystem
• Accessory kit with documentation and a CD-ROM containing system software version 7.5.3

* Requires processor purchase (see Processor Upgrade Card information); logic

board upgrades must be performed by an authorized Apple reseller or service provider

Power Macintosh 120MHz Processor Upgrade Card

• Order No. M4731LL/A (120 MHz)
• Card with 120 MHz PowerPC 604 with floating-point processor and 32K on-chip cache

Power Macintosh 132MHz Processor Upgrade Card

• Order No. M4875LL/A (132 MHz)
• Card with 132 MHz PowerPC 604 with floating-point processor and 32K on-chip cache

Power Macintosh 180MHz Processor Upgrade Card

• Order No. M5458LL/A (180 MHz)
• Card with 180 MHz PowerPC 604 with floating-point processor and 32K on-chip cache

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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