Power Macintosh Upgrade Card and Power Macintosh Logic Board Upgrades

Apple™ has very good news for Macintosh™ owners who want the new high speed capabilities of Power Macintosh™ computers, but don't want to sacrifice their previous investments: the Power Macintosh Upgrade Card and the Power Macintosh Logic Board Upgrades.
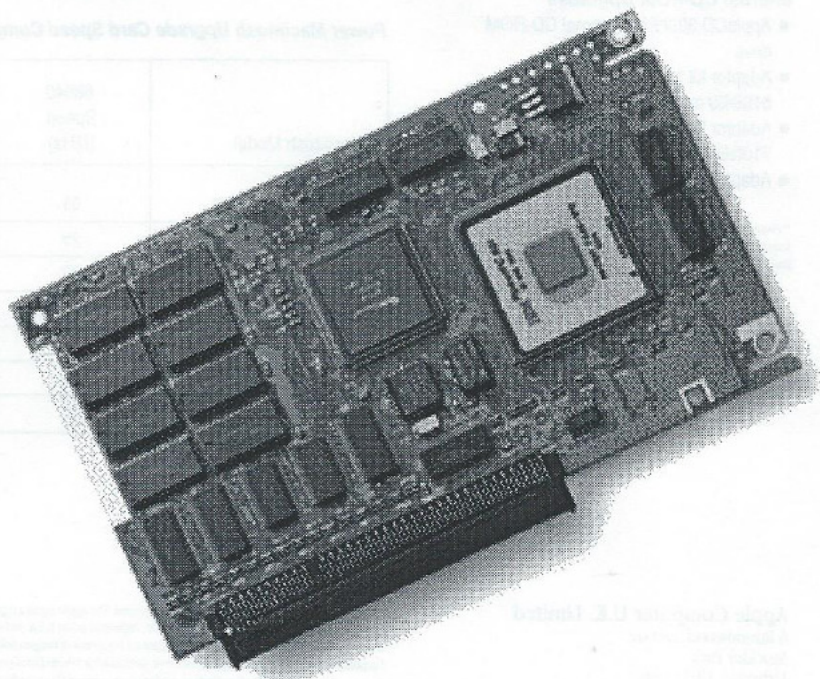
You can install the low cost Power Macintosh Upgrade Card in the processor direct slot of your Macintosh computer* yourself — if you can follow simple, step by step instructions and you can use a screwdriver. The card adds the benefits of Power Macintosh technology to your Macintosh and provides speeds up to four times faster when using programs accelerated for Power Macintosh technology. You can still run all your existing Macintosh applications.

In addition, even greater performance, as well as speech† and extra telecomunications 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.

By selecting a logic board AV upgrade, you can add support for video input and output. You can also add a CD-ROM drive with the appropriate internal CD-ROM upgrade.

Installation of both the logic board upgrades and logic board AV upgrades must be performed by an Apple Authorised 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.

Both the Power Macintosh Upgrade Card and the Power Macintosh Logic Board Upgrades 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 Card
and Power Macintosh Logic Board Upgrades

Power Macintosh Upgrade Card

Ordering Information

Power Macintosh Upgrade Card*
- Power Macintosh Upgrade Card
- Necessary hardware for installation
- Complete installation instructions

Power Macintosh 6100/60 Logic Board Upgrade*
- With 8MB of RAM and Power Macintosh Display Adaptor

Power Macintosh 6100/60AV Logic Board Upgrade*
- With 8MB of RAM and S-video to composite video adaptor

Power Macintosh 7100/66 Logic Board Upgrade*
- With 8MB of RAM and 1MB of VRAM

Power Macintosh 7100/66AV Logic Board Upgrade*
- With 8MB of RAM, 2MB of VRAM, and S-video to composite video adaptor

Power Macintosh 8100/80 Logic Board Upgrade*
- With 8MB of RAM and 2MB of VRAM

Power Macintosh 8100/80AV Logic Board Upgrade*
- With 8MB of RAM, 2MB of VRAM and S-video to composite video adaptor

Internal CD-ROM Upgrades
- AppleCD 300i Plus internal CD-ROM drive
- Adaptor kit for Power Macintosh 6100/60 or 6100/60AV
- Adaptor kit for Power Macintosh 7100/66 or 7100/66AV
- Adaptor kit for Power Macintosh

These upgrades include system software version 7; complete set-up, learning and reference documentation; as well as a limited warranty.

Microprocessor
- Includes PowerPC 601 RISC microprocessor
- Provides integrated floating point processor and 32K cache
- Runs at twice the clock speed of upgraded Macintosh

Cache
- 1MB on-board level-2 cache

Installation
- User installable in Motorola 68040 Processor Direct Slot of upgraded Macintosh

ROM
- Includes 4MB Power Macintosh ROM

Operating environment
- Operating temperature: 10 to 55° C (50 to 131° F)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 3,048 m (10,000 feet)

Macintosh Upgrade Compatibility

Logic Board Upgrades

Macintosh Model	6100/60 6100/60AV	7100/66 7100/66AV	8100/80 8100/80AV	Upgrade Card
Macintosh Quadra™ 900, 950				✔
Macintosh Quadra 840AV			✔	
Macintosh Quadra 800			✔	✔
Macintosh Quadra 700				✔
Macintosh Quadra or Macintosh Centris™ 660AV	✔			
Macintosh Quadra or Macintosh Centris 650		✔		✔
Macintosh Quadra or Macintosh Centris 610	✔			✔
Macintosh IIvx, IIvi, or Performa™ 600		✔		

Power Macintosh Upgrade Card Speed Comparison

Macintosh Model	68040 Speed (MHz)	Macintosh Upgrade Card Speed (MHz)
Macintosh Quadra 950	33	66
Macintosh Quadra 900	25	50
Macintosh Quadra 800	33	66
Macintosh Quadra 700	25	50
Macintosh Quadra 650	33	66
Macintosh Quadra 610	25	50
Macintosh Centris 610	20	40