



# Tech Info Library

## Power Macintosh: Upgrade Card, Logic Board Specification (10/94)

Revised: 10/11/94  
Security: Everyone

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TOPIC -----

This article contains the specifications for the Power Macintosh Upgrade Card and Power Macintosh Logic Board Upgrades.

DISCUSSION -----

Power Macintosh Upgrade Card technical specifications  
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### 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: 50 to 131 degrees F (10 to 55 degrees C)
- Relative humidity: 5% to 95% (non-condensing)

- Maximum altitude: 10,000 feet (3,048 meters)

Macintosh Upgrade Compatibility

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

Power Macintosh Upgrade Card Speed Comparison

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

After upgrading to a Power Macintosh, your system continues to run almost all your existing Macintosh software. For best performance and greatest speed, look for the new software programs designed especially for Power Macintosh computers. You'll find Power Macintosh programs at any software store that carries products for Macintosh computers.

Ordering Information

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Power Macintosh Upgrade Card\*

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Order No. M2843LL/A

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

Power Macintosh 6100/66 Logic Board Upgrade\*

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Order No. M2343LL/A

- With 8MB of RAM and Power Macintosh Display Adapter

Power Macintosh 6100/60AV Logic Board Upgrade\*

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Order No. M2901LL/A

- With 8MB of RAM and cable for S-video to composite video

Power Macintosh 7100/66 Logic Board Upgrade\*

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Order No. M2474LL/A

- With 8MB of RAM and 1MB of VRAM

Power Macintosh 7100/66AV Logic Board Upgrade\*

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Order No. M2840LL/A

- With 8MB of RAM, 2MB of VRAM, and S-video to composite video adapter

Power Macintosh 8100/80 Logic Board Upgrade\*

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Order No. M2344LL/A

- With 8MB of RAM and 2MB of VRAM

Power Macintosh 8100/80AV Logic Board Upgrade\*

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Order No. M2902LL/A

- With 8MB of RAM, 2MB of VRAM, and S-video to composite video adapter

\* These upgrades include system software version 7; complete setup, learning, and reference documentation; as well as a limited warranty.

Internal CD-ROM Upgrades

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- AppleCD 300i Plus internal CD-ROM drive: Order No. M3152LL/A
  - Adapter kit for Power Macintosh 6100/60 or 6100/60AV: Order No. M2846LL/A
  - Adapter kit for Power Macintosh 7100/66 or 7100/66AV: Order No. M3126LL/A
  - Adapter kit for Power Macintosh 8100/80 or 8100/80AV: Order No. M2847LL/A

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10 October 1994 - Added additional information

Support Information Services

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