



# Power Macintosh 8200 Series

## Features

### High performance

- 100 or 120 MHz PowerPC 601 processor
- Built-in floating-point processor and 32K cache
- Optional 256K level 2 cache (standard with 120 MHz processor)
- Built-in graphics acceleration

### Communications and multimedia

- Two high speed serial ports compatible with GeoPort™ and LocalTalk™ cables
- Quadruple-speed CD-ROM drive
- 16-bit stereo audio input and output

### Expandability

- Three industry-standard PCI expansion slots
- SCSI connector for hard disks, CD-ROM drives and other SCSI devices
- Internal expansion bay for additional storage device
- Up to 256MB of RAM
- Up to 4MB of VRAM

### Compatibility

- Includes 10BASE-T and AAUI Ethernet connectors
- Supports Open Transport networking software (TCP/IP and AppleTalk™)
- Runs most 680x0 Macintosh applications as well as applications accelerated for Power Macintosh computers
- Reads Mac™ OS, Windows, MS-DOS, and OS/2™ floppy disk formats
- Runs MS-DOS and Windows applications via optional PC Compatibility Cards

### System 7.5 software

- Makes working with different applications consistent, so they're easier to learn and use
- Allows easy customisation of your Macintosh to reflect the way you work
- Provides active assistance in learning new features with Apple Guide

### Internet access software

- Allows easy access to the Internet via the services of an Internet Access Provider
- Includes Internet browser and utilities to access Internet servers world-wide with all multimedia capabilities

Power Macintosh™ 8200 series computers combine affordability with high performance to provide an ideal system for small and medium-size businesses, for home offices and for those running the most demanding productivity applications in any size of organisation. Based on high performance RISC technology, the Power Macintosh 8200/100 computer features a 100 megahertz PowerPC™ 601 processor while the Power Macintosh 8200/120 features a 120 megahertz PowerPC 601 enhanced with a 256 K level 2 cache for superior performance. And if your performance needs later increase, these systems can be upgraded to a Power Macintosh 8500/120, which features video-input/output capabilities and processor upgradability.

The three industry-standard Peripheral Component Interconnect (PCI) expansion slots on the Power Macintosh 8200 series let you customise your computer easily to more precisely meet your needs. And if you want to use your Power Macintosh 8200 to run MS-DOS® and Windows® applications as well as software written for the

Macintosh™, you can install an Apple™ PC Compatibility Card in one of the system's PCI slots – and switch instantly between the two computing environments.

Connecting Power Macintosh 8200 to an Ethernet network is easy, because it includes both AAUI and 10BASE-T connectors. With an optional PC Compatibility Card, you can connect both the PC and Power Macintosh to a network simultaneously.

Today, more and more computer users are discovering the wealth of information, and opportunities offered by the Internet. Power Macintosh 8200 comes with all of the software you need to access the Internet easily and rapidly.

So whether you need power and expandability for everyday number crunching, office productivity, or an innovative multimedia project – or want a fast, easy way to get started with the Internet – the Apple Power Macintosh 8200/100 offers the features you need at an affordable price and with Power Macintosh 8200/120 you will access the next level of performance and run your applications up to 40% faster.





# Power Macintosh 8200 Series

## Ordering Information

### Power Macintosh 8200/100

- Power Macintosh 8200/100 computer with 8MB of RAM, a built-in 1.4MB Apple SuperDrive™ floppy disk drive, an internal 1.2GB hard disk drive and an internal quadruple-speed CD-ROM drive.

### Power Macintosh 8200/120

- Power Macintosh 8200/120 computer with 16MB of RAM, a 256 K level 2 cache, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 1.2GB hard disk drive, and an internal quadruple-speed CD-ROM drive.

*All configurations includes mouse; system software version 7.5.3 or later; Internet access software; complete set-up, learning, and reference documentation; and limited warranty.*

### PC Compatibility Card Solutions

Order No. M4092Z/A

- PC Compatibility Card with Pentium™ 100 MHz processor

Order No. M4091Z/A

- PC Compatibility Card with 586 100 MHz processor

### Power Macintosh 7600 Logic Board Upgrade Kit\*

Order No. M3842LL/A

- Power Macintosh 7600 logic board with video-input processor upgrade capabilities
- Accessory kit with documentation and a CD-ROM containing system software version 7.5.3

*\* Requires processor purchase (see Processor Upgrade Card information)*

### Power Macintosh Processor Upgrade Card

Order No. M4731LL/A (120 MHz) or M4875LL/A (132 MHz)

### Power Macintosh GeoPort Telecom Adaptor

Order No. M3127LL/C

Apple QuickDraw 3D Accelerator Card

Order No. M4333LL/A

## Technical Specifications

### Microprocessor

- 100 or 120 MHz PowerPC 601 microprocessor
- Integrated floating-point unit and 32K cache

### Memory

- 8MB or 16MB of RAM, expandable to 256MB via 4 DIMM sockets
- 4MB of ROM
- Optional 256K level 2 cache (standard on 120MHz)

### Disk drives

- Internal 1.2GB SCSI hard disk
- Internal Apple SuperDrive floppy disk drive —Accepts high density 1.4MB disks and 800K disks —Reads, writes, and formats Macintosh, Windows, MS-DOS and OS/2 disks
- Internal AppleCD™ 600i quadruple-speed CD-ROM drive
- Expansion bay for additional 3.5 inch hard disk or other SCSI device

### Interfaces

- Three PCI expansion slots compatible with PCI 2.0-compliant cards
- Two high speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk and GeoPort cables
- 10BASE-T and AAUI-15 Ethernet connectors; optional PC Compatibility Cards provide multinode support for simultaneous network connections
- Internal/external SCSI bus (up to 5MB/s)
- Apple Desktop Bus™ (ADB) expansion port
- Mini jacks for stereo audio input and output —16-bit audio —Up to 44.1 kHz sampling rate
- DB-15 connector for monitor

### Graphics support

- VRAM-based accelerated graphics
- 1MB of VRAM, expandable to 4MB
- 64-bit data path to VRAM (with 2MB of VRAM)
- Support for display resolutions of up to 1,280 by 1,024 pixels
- 24-bit colour up to 1,024 by 768 pixel resolution
- Refresh rate of up to 75 Hz

### GeoPort telephony\*\*

- 14.4-Kbit/s modem support
- V.17 fax support
- GeoPort Fax and GeoPort Telephony software included
- Speakerphone and answering machine capability

### Clock/calendar

- Custom integrated circuit with long-life battery

### Keyboard and mouse

- Supports ADB keyboards with numeric keypads
- Comes with an ADB Mouse II

### Electrical requirements and compliance

- Line voltage: 100 to 240 volts AC, RMS single phase automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 225 watts maximum, not including display
- EPA Energy Star compliant

### ADB power requirements

- Maximum current draw for all devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard used)

### Size and weight

- Height: 35.6 cm (14 inches)
- Width: 19.6 cm (7.7 inches)
- Depth: 40.0 cm (15.75 inches)
- Weight: 11.3 kg (25 lb)

### Environmental requirements

- Operating temperature: 10 to 40°C (50 to 104°F)
- Storage temperature: -40 to 47°C (-40 to 116°F)
- Relative humidity: 5% to 95% non-condensing
- Maximum altitude: 3,048 m (10,000 feet)

*\*\* Requires GeoPort Telecom Adaptor*

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