



Tech Info Library

Power Macintosh 8600/200 Series: Technical Specifications (2/97)

Revised: 4/21/97
Security: Everyone

Power Macintosh 8600/200 Series: Technical Specifications (2/97)

=====
Article Created: 24 January 1997
Article Reviewed/Updated: 28 February 1997

TOPIC -----

This article contains the technical specifications for the Power Macintosh 8600/200 series computer.

DISCUSSION -----

Processor

- * 200-MHz PowerPC 604e microprocessor
- * Integrated floating-point unit, 64K cache, and three integer units
- * 50-MHz system bus
- * Processor is mounted on a removable card for easy upgrades

Memory

- * 32 MB of RAM, expandable to 512 MB via 8 DIMM sockets
- * 4 MB of ROM
- * 256K level 2 cache

Disk drives

- * Internal 2 GB Fast 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, OS/2, and ProDOS disks
- * Internal 12x-speed CD-ROM drive
- * Integrated Iomega Zip drive for fast, easy storage or backup
- * Expansion bays for additional storage devices (3.5- or 5.25-inch)

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 Fast SCSI bus (up to 10MB/s)
- * External SCSI bus (up to 5MB/s)
- * Apple Desktop Bus (ADB) expansion port
- * RCA phono jacks for line-level stereo audio input and output
- * Mini jacks for stereo audio input and output
- * All sound ports support 16-bit audio and up to 44.1-kHz sampling rate
- * DB-15 connector for monitor
- * Composite connectors (RCA phono jacks) for composite video input and output
- * S-video input and output connectors
- * Internal digital audio/video (DAV) connector for video compression/decompression cards

Video capabilities

- * 24-bit video input
- * Real-time video playthrough of up to 640 by 480 pixels with NTSC; 768 by 576 pixels with PAL and SECAM
- * Up to 320- by 240-pixel capture at 25 frames per second with NTSC (with 2GB drive)
- * Maximum capture size of 640 by 480 pixels with NTSC
- * 24-bit video output
- * Support for NTSC and PAL
- * Convolution for flicker reduction at all bit depths

Graphics support

- * 2 MB of VRAM, expandable to 4 MB
- * Fast 64-bit data path to VRAM
- * Support for display resolutions of up to 1,280 by 1,024 pixels
- * 24-bit color up to 1,152- by 870-pixel resolution
- * Refresh rate of up to 75 Hz

GeoPort telephony

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

Note: Requires GeoPort Telecom Adapter

Clock/calendar

- * Custom integrated circuit with long-life battery

Keyboard and mouse

- * Includes keyboard and ADB Mouse II

Electrical requirements and compliance

-
- * Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
 - * Frequency: 50 to 60 Hz, single phase
 - * Power: 390 W maximum, not including display 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: 17.3 in. (44.0 cm)
 - * Width: 9.7 in. (24.6 cm)
 - * Depth: 17.3 in. (44.0 cm)
 - * Weight: 35.0 lb. (15.9 kg)

Environmental requirements

-
- * Operating temperature: 50 to 104 degrees F (10 to 40 degrees C)
 - * Storage temperature: -40 to 116 degrees F (-40 to 47 degrees C)
 - * Relative humidity: 5% to 95% noncondensing
 - * Maximum altitude: 10,000 ft. (3,048 m)

Article Change History:

- 13 Feb 1997 - Changed distribution status.
- 28 Feb 1997 - Corrected power out rating.

Copyright 1997, Apple Computer, Inc.

Tech Info Library Article Number:20858