Apple Spec Database

System Fact Sheet

Power Macintosh 8600/250

SYSTEM

Introduced: August 1997
Discontinued: January 1998
Gestalt ID: 103
Form Factor: PM 9600
Weight (lbs.): 35
Dimensions (inches): 17.3 H x 9.7 W x 17.3 D

Codename: Kansas
Oder Number: M5905LL/A
KB Article #: 46007

POWER

Max. Watts: 560
Amps: 3.00
BTU Per Hour: 1915.2
Voltage Range: 100-125/200-240
Freq'y Range (Hz): 50-60
Battery Type: 3.6V lithium
☒ **Soft Power**
☒ **Monitor Power Outlet**

PORTS

ADB: 1
Video: DB-15
Floppy: none
SCSI: DB-25
GeoPort Connectors: 2
Ethernet: AAUI-15 &
Microphone Port Type: PlainTalk
☒ **Printer**   ☒ **Speaker**
☒ **Modem**   ☐ **Headphone**
☐ **Airport**   ☐ **Remote Control**

Includes S-video and RCA ports for video in and out. Includes RCA ports for sound in and out.

VIDEO

Built-in Display: *none*

Maximum Color Bit-depth[1] At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
70 ns	2x1MB	2MB VRAM	24	n/a	24	8	24	24	16	16	8
	4x1MB	4MB VRAM	24	n/a	24	8	24	24	24	24	16

[1] 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions
[2] The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

Video mirroring requires 4MB of VRAM.

LOGIC BOARD

Main Processor: 604e, 250 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 100 MHz
L1 Cache: 64K
L2 Cache: 1MB
Secondary Processor: opt. PC Compatbility Card
Slots: 3 PCI

System supports 100 MHz cache bus, and 50 MHz system bus speeds.

MEMORY

Memory on Logic Board: none
Minimum RAM: 32 MB
Maximum RAM: 512 MB
RAM Slots: 8   168-pin
Minimum RAM Speed: 70 ns
RAM Sizes: 8, 16, 32, 64MB
Install in Groups of: 1

128MB DIMMs can be used, but have not been tested. Two identical DIMMs installed in corresponding slots may result in increased performance.

SOFTWARE

☒ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: 7.6.1
Original Enabler: none

ROM ID: $077D
ROM Version: n/a
ROM Size: 4MB
AppleTalk Version: 60.1.1

Supported Macintosh System Software:

☐ A/UX 1.0	☐ NOS 1.11	☐ ProDOS ☐
☐ A/UX 1.11	☐ NOS 1.3	☐ GS/OS ☐
☐ A/UX 2.0	☐ NOS 2.0	☐ NeXTStep 1.x ☐
☐ A/UX 3.0.1	☐ NOS 2.1	☐ NeXTStep 2.x ☐
☐ A/UX 4.1.4	☐ LOS 7/7	☐ NeXTStep 3.x ☐
☐ A/UX 4.1.4.1	☐ DOS 3.1	☐ OpenStep ☐
☐ A/UX 4.1.5	☐ SOS 1.3	☐ <1.0 ☐

SOUND

Microphone Port Type: PlainTalk
Sound In: stereo, 16-bit
Sound Out: stereo, 16-bit

☐ **Built-in Microphone**

STORAGE

☒ **Supports Internal CD-ROM**

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 4GB
Internal HD Interface: SCSI
Original CD-ROM Speed: 24x

HISTORY

Although announced in February 1997, It was not until June that the 8600 actually shipped in bulk. It came in the same innovative case design as the 9600, and ran on a 200 Mhz 604e. It included an internal Zip drive (a Power Mac first). It also included video input and output. The 8600 used the Nitro motherboard, as did its predecessor, the 8500. The 8600 initialy sold for $2,700. In August, Apple announced "speed bumped" versions of the 8600 with a 250 or 300 Mhz "Mach 5" 604e. Like its predecessor, the 8600/300 did not ship for several months after it was announced due to supply problems. The 8600 was discontinued in early 1998.

Note: n/a = information not available or not applicable