



System Fact Sheet

SYSTEM

Introduced: February 1997
Discontinued: January 1998
Gestalt ID: 67
Form Factor: PM 9600
Weight (lbs.): 35
Dimensions (inches): 17.3 H x 9.7 W x 17.3 D

Codename: Kansas
Order Number: M4952LL/A
KB Article #: 20859, 20860

POWER

Max. Watts: 390
Amps: 3.00
BTU Per Hour: 1333.8
Voltage Range: 100-240
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**

VIDEO

Built-in Display: none

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
x384	x400	video card (4MB)	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
n/a	n/a		24	n/a	24	8	24	24	24	24	24

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.

A video card ships bundled with this system. The bundled video card is capable of resolutions up to 1600x1200.

LOGICBOARD

Main Processor: two 604e, 200 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 50 MHz
L1 Cache: 64K
L2 Cache: 512K
Secondary Processor: opt. PC Compatibility Card
Slots: 6 PCI

Processor board contains two PowerPC 604e processors. One PCI slot occupied by video card.

MEMORY

Memory on Logic Board: none
Minimum RAM: 32 MB
Maximum RAM: 768 MB
RAM Slots: 12 168-pin
Minimum RAM Speed: 70 ns
RAM Sizes: 8, 16, 32, 64 MB
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

Supported Macintosh System Software:

Addressing Modes: 32-bit
Original SSW: 7.5.5
Original Enabler: System Enabler 702

ROM ID: \$077D
ROM Version: \$34
ROM Size: 4MB
AppleTalk Version: 60.1.1

- 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: 12x

HISTORY

The flagship of what might be termed the third wave of Power Macs, the 9600 was announced in February 1997. It was packaged in an eye-pleasing new tower design, built to make its insides more easily accessible. It ran on 233, 200 or dual 200 Mhz 604e's.

Although it looked different on the outside, the motherboard was basically the same design as that of the 9500. The 9600 was originally priced at \$4,700 for the dual 200Mhz configuration, \$4,200 for the single 233Mhz, and \$3,700 for the single 200 Mhz. In August, the 9600 was "speed bumped" with either a 300 or 350 Mhz "Mach 5" chip, a new high speed variant on the 604e. The 350 Mhz version barely shipped before Apple took it off the market, partially because of the small supply of 350 Mhz chips, but mostly because their upcoming PPC 750-based "Gossomer" Macs