



**System Fact Sheet**

**SYSTEM**

**Introduced:** August 1997  
**Discontinued:** January 1998  
**Gestalt ID:** 105  
**Form Factor:** PM 9600  
**Weight (lbs.):** 35  
**Dimensions (inches):** 17.3 H x 9.7 W x 17.3 D

**Codename:** Kansas  
**Order Number:** M5901LL/A  
**KB Article #:** 28040

**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**

**VIDEO**

**Built-in Display:** none

**Maximum Color Bit-depth<sup>1</sup> At:**

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

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions

<sup>2</sup> 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:** 604e, 300 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 100 MHz  
**L1 Cache:** 64K  
**L2 Cache:** 1MB  
**Secondary Processor:** opt. PC Compatibility Card  
**Slots:** 6 PCI

One PCI slot occupied by video card. System supports 100 MHz cache bus, and 50 MHz system bus speeds.

**MEMORY**

**Memory on Logic Board:** none  
**Minimum RAM:** 64 MB  
**Maximum RAM:** 768 MB  
**RAM Slots:** 12 168-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:**

- |                                       |                                   |                                       |                          |
|---------------------------------------|-----------------------------------|---------------------------------------|--------------------------|
| <input type="checkbox"/> A/UX 1.0     | <input type="checkbox"/> NOS 1.11 | <input type="checkbox"/> ProDOS       | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 1.11    | <input type="checkbox"/> NOS 1.3  | <input type="checkbox"/> GS/OS        | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 2.0     | <input type="checkbox"/> NOS 2.0  | <input type="checkbox"/> NeXTStep 1.x | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 3.0.1   | <input type="checkbox"/> NOS 2.1  | <input type="checkbox"/> NeXTStep 2.x | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 4.1.4   | <input type="checkbox"/> LOS 7/7  | <input type="checkbox"/> NeXTStep 3.x | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 4.1.4.1 | <input type="checkbox"/> DOS 3.1  | <input type="checkbox"/> OpenStep     | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 4.1.5   | <input type="checkbox"/> SOS 1.3  | <input type="checkbox"/> <1.0         | <input type="checkbox"/> |

**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**

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