



**System Fact Sheet**

**SYSTEM**

**Introduced:** August 1996  
**Discontinued:** January 1997  
**Gestalt ID:** 67  
**Form Factor:** PM 9500  
**Weight (lbs.):** 28  
**Dimensions (inches):** 16.9 H x 7.7 W x 15.75 D

**Codename:** Tsunami, Autobahn  
**Order Number:** M5399LL/A  
**KB Article #:** 20208

**POWER**

**Max. Watts:** 225  
**Amps:** 9.00  
**BTU Per Hour:** 769.5  
**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:** none  
**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	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024			
n/a	on-card module	video card (2MB)	n/a	n/a	24	8	24	24	16	16	8
		video card (4MB)	n/a	n/a	24	8	24	24	24	24	16

<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.

**LOGIC BOARD**

**Main Processor:** two 604e, 180 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 45 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**

**Addressing Modes:** 32-bit  
**Original SSW:** 7.5.3  
**Original Enabler:** none

**ROM ID:** \$077D  
**ROM Version:** \$28  
**ROM Size:** 4MB  
**AppleTalk Version:** 60.1.0

**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"/> |

Maximum memory supported by System 7.5.3 is 1GB.

**SOUND**

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

**STORAGE**

**Supports Internal CD-ROM**

**Floppy Size:** 1.44MB  
**Floppy Inject:** manual  
**Internal HD Size:** 2GB  
**Internal HD Interface:** SCSI  
**Original CD-ROM Speed:** 8x

**HISTORY**

The first second generation PowerMac, the 9500 was introduced in May 1995, and is still most expandable PowerMac ever. It was powered by either a 120 or 132 Mhz 604 processor, a second-generation PowerPC chip which was considerably faster than its predecessor, the 601. The big news about the 9500, however, was its 6 PCI slots. It was the first Mac to comply with the PCI industry standard. The 9500 came in a full tower case, and had 7 internal drive bays. Like the old Mac II, the 9500 came with no graphics capability--a third party add-on card was required. The most innovative feature of the 9500 was that it's processor came on a daughtercard, making future upgrades much less expensive. The 9500 cost \$5,300, and was "speed bumped" to 150 Mhz in April 1996. In August 1996, The 9500 was speed bumped again to a 200 Mhz 604e processor and a multiprocessing twin 180 Mhz 604e-based 9500 was released. The 9500 was replaced in early 1997 by the 9600.