



**System Fact Sheet**

**SYSTEM**

**Introduced:** April 1996  
**Discontinued:** August 1996  
**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:**  
**KB Article #:** 19548

**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

**VRAM Speed:** n/a    **VRAM Needed:** on-card module

**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	n/a	24	8	24	24	16	16	8
	n/a	n/a	24	8	24	24	24	24	16

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

<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.

*Some systems ship with bundled video card.*

**LOGICBOARD**

**Main Processor:** 604, 150 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 50 MHz  
**L1 Cache:** 32K  
**L2 Cache:** 512K  
**Secondary Processor:** opt. PC Compatibility Card  
**Slots:** 6 PCI

*One PCI slot occupied by video card.*

**MEMORY**

**Memory on Logic Board:** none  
**Minimum RAM:** 8 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**

**Built-in Microphone**

**Microphone Port Type:** PlainTalk  
**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:** none, 2GB  
**Internal HD Interface:** SCSI  
**Original CD-ROM Speed:** 4x

**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.