



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: M5397LL/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-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
x384	x400	x480	x870 ²	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

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.

LOGIC BOARD

Main Processor: 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

One PCI slot occupied by video card.

MEMORY

Memory on Logic Board: none
Minimum RAM: 16 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
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: 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.