



System Fact Sheet

SYSTEM

Introduced: May 1995
Discontinued: May 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: M3093LL/A
KB Article #: 17902, 17903

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 ²	x600	x624	x768	x870	x1024
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

Maximum Color Bit-depth¹ At:

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: 604, 120 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 40 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: 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: 7.5.2
Original Enabler: System Enabler 701 v1.0

ROM ID: \$077D
ROM Version: \$28
ROM Size: 4MB
AppleTalk Version: 60.0.0

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 7.5.2 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: 1GB
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.