



**System Fact Sheet**

**SYSTEM**

**Introduced:** April 1996  
**Discontinued:** April 1997  
**Gestalt ID:** 68  
**Form Factor:** PM 7500  
**Weight (lbs.):** 22  
**Dimensions (inches):** 6.15 H x 14.37 W x 16.93 D  
**Codename:**  
**Oder Number:** M4631LL/A  
**KB Article #:**

**POWER**

**Max. Watts:** 150  
**Amps:** 3.00  
**BTU Per Hour:** 513  
**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**

*Includes S-video and RCA ports for video in.  
Includes RCA ports for sound in and out.*

**VIDEO**      **Built-in Display:** none

		<b>Maximum Color Bit-depth<sup>1</sup> At:</b>									
		512	640	640	640	800	832	1024	1152	1280	
<b>VRAM Speed:</b>	<b>VRAM Needed:</b>	x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024	
70 ns	2x1MB	24	n/a	24	8	24	24	16	16	8	
	4x1MB	24	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.

**LOGGBOARD**

**Main Processor:** 604, 120 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 40 MHz  
**L1 Cache:** 32K  
**L2 Cache:** 256K  
**Secondary Processor:** opt. PC Compatibility Card  
**Slots:** 3 PCI

**MEMORY**

**Memory on Logic Board:** none  
**Minimum RAM:** 8 MB  
**Maximum RAM:** 512 MB  
**RAM Slots:** 8 168-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"/>

**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:** 1.2GB  
**Internal HD Interface:** SCSI  
**Original CD-ROM Speed:** 4x

**HISTORY**

The PowerMac 7600 was a 7500 with a 120 Mhz 604 processor. (a new number was given to the 7600 as a result of the new processor type) In August 1996 the 7600 was "speed bumped" to 132 Mhz. The 7600 was replaced in early 1997 by the 7300. (there was also, briefly, a 200 Mhz 604e 7600 Model).