



System Fact Sheet

SYSTEM	POWER	PORTS
<p>Introduced: August 1995 Discontinued: June 1996 Gestalt ID: 122 Form Factor: PowerBook 5300 Weight (lbs.): 6 Dimensions (inches): 2 H x 11.5 W x 8.5 D</p> <p>Codename: Omega Oder Number: M3530LL/A KB Article #: 18440</p>	<p>Max. Watts: 45 Amps: 1.88 BTU Per Hour: 153.9 Voltage Range: 100-240 Freq'y Range (Hz): 50-60 Battery Type: PB190, NiMH <input checked="" type="checkbox"/> Soft Power <input type="checkbox"/> Monitor Power Outlet</p>	<p>ADB: 1 Video: opt. mini-15 Floppy: none SCSI: HDI-30 GeoPort Connectors: none Ethernet: none Microphone Port Type: none <input checked="" type="checkbox"/> Printer <input checked="" type="checkbox"/> Speaker <input type="checkbox"/> Modem <input type="checkbox"/> Headphone <input type="checkbox"/> Airport <input type="checkbox"/> Remote Control</p>

VIDEO **Built-in Display:** 9.5" passive-matrix LCD **Maximum Color Bit-depth¹ At:**

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
x384	x400	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024	
n/a	built in	built-in LCD screen	n/a	n/a	4	n/a	n/a	n/a	n/a	n/a	n/a

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.

LOGICBOARD

Main Processor: 68LC040, 66 MHz
PMMU: integrated
FPU: none
Data Path: 32-bit, 33 MHz
L1 Cache: 8K
L2 Cache: none
Secondary Processor: none
Slots: 2 Type II PC Card (1 Type III)

MEMORY

Memory on Logic Board: 4, 8 MB
Minimum RAM: 4 MB
Maximum RAM: 36, 40 MB
RAM Slots: 1 PB53xx
Minimum RAM Speed: 70 ns
RAM Sizes: 4-32 MB
Install in Groups of: 1

SOFTWARE **Speech Recognition Supported**

Addressing Modes: 32-bit **ROM ID:** \$077D
Original SSW: 7.5.2 **ROM Version:** \$2B
Original Enabler: PowerBook 5300/190 Enabler v1.1 **ROM Size:** 2MB
AppleTalk Version: 58.1.6

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: none
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: 500MB
Internal HD Interface: IDE
Original CD-ROM Speed:

HISTORY

The last 680X0 machine Apple ever built, the PowerBook 190 featured an expansion bay for third-party drives, and 2 PC card slots. It could be configured with an optional Infra-red transceiver, and an optional video port for an external monitor. The 190 sold for \$1,700 for 4 MB of RAM and \$1,900 for 8 MB. The 190cs with a dual-scan color screen and 8 MB of RAM sold for \$2,300.