



System Fact Sheet

SYSTEM

Introduced: August 1995
Discontinued: October 1996
Gestalt ID: 122
Form Factor: PowerBook 5300
Weight (lbs.): 6.3
Dimensions (inches): 2 H x 11.5 W x 8.5 D

Codename: Omega
Oder Number: M4072LL/A
KB Article #: 18446

POWER

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
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: opt. mini-15
Floppy: none
SCSI: HDI-30
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: none

Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

VIDEO

Built-in Display: 10.4" dual-scan color LCD

		<i>Maximum Color Bit-depth¹ At:</i>									
		512	640	640	640	800	832	1024	1152	1280	
VRAM Speed:	VRAM Needed:	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024	
n/a	built in	n/a	n/a	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Video Configuration: built-in LCD screen

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
Original SSW: 7.5.2
Original Enabler: PowerBook 5300/190 Enabler v1.1

ROM ID: \$077D
ROM Version: \$2B
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.