



System Fact Sheet

SYSTEM

Introduced: August 1995
Discontinued: December 1996
Gestalt ID: 128
Form Factor: PowerBook 5300
Weight (lbs.): 6.2
Dimensions (inches): 2.2 H x 11.5 W x 8.5 D

Codename: M2
Oder Number: M3828LL/A
KB Article #: 18433

POWER

Max. Watts: 45
Amps: 1.88
BTU Per Hour: 153.9
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: PB5300, NiMH
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: mini-15
Floppy: none
SCSI: HDI-30
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: Line in
 Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

VIDEO

Built-in Display: 10.4" active matrix LCD

Maximum Color Bit-depth¹ At:

	512	640	640	640	800	832	1024	1152	1280
VRAM Speed:	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
VRAM Needed:	n/a	n/a	n/a	n/a	16	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: 603e, 117 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 33.3 MHz
L1 Cache: 32K
L2 Cache: none
Secondary Processor: none
Slots: 2 Type II PC Card (1 Type III)

MEMORY

Memory on Logic Board: 16 MB
Minimum RAM: 32 MB
Maximum RAM: 64 MB
RAM Slots: 1 PB53xx
Minimum RAM Speed: 70 ns
RAM Sizes: 8-64 MB
Install in Groups of: 1

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: 7.5.2
Original Enabler: PowerBook 5300 Enabler

ROM ID: \$077D
ROM Version: \$27
ROM Size: 4MB
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

Microphone Port Type: Line in
Sound In: stereo, 16-bit
Sound Out: stereo, 16-bit

Built-in Microphone

STORAGE

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 1.1GB
Internal HD Interface: IDE
Original CD-ROM Speed:

Supports Internal CD-ROM

HISTORY

Introduced in August 1995, the PowerBook 5300 was the first PowerPC PowerBook, and the first to include a sleep-swappable drive bay. Available in 4 screen configurations, and 2 RAM/HD configurations, many 5300s shipped DOA (This was the main cause of Apple's reputation for faulty products in the mid 90s). An IR transceiver for wireless networking was also included. The 100 Mhz 5300 8/500 sold for \$2,300. The 100 Mhz 5300cs, with dual-scan color, sold for \$2,900 for 8/500, and \$3,700 for 16/750. The 5300c with active matrix color, sold for \$3,900 for 100 Mhz 8/500, and \$4,700 for 100 Mhz 16/750. The fully loaded 117 MHz 5300ce 32/1.1GB sold for \$6,800.