Apple Spec Database

System Fact Sheet

Macintosh PowerBook 5300c/100

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: M3133LL/A
KB Article #: 18424

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-depth[1] At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
n/a	built in	built-in LCD (512K VRAM)	n/a	n/a	8	n/a	n/a	n/a	n/a	n/a	n/a
		built-in LCD (1MB VRAM)	n/a	n/a	16	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.

LOGIC BOARD

Main Processor: 603e, 100 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: 8, 16 MB
Minimum RAM: 8 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:

☐ A/UX 1.0	☐ NOS 1.11	☐ ProDOS	☐
☐ A/UX 1.11	☐ NOS 1.3	☐ GS/OS	☐
☐ A/UX 2.0	☐ NOS 2.0	☐ NeXTStep 1.x	☐
☐ A/UX 3.0.1	☐ NOS 2.1	☐ NeXTStep 2.x	☐
☐ A/UX 4.1.4	☐ LOS 7/7	☐ NeXTStep 3.x	☐
☐ A/UX 4.1.4.1	☐ DOS 3.1	☐ OpenStep	☐
☐ A/UX 4.1.5	☐ SOS 1.3	☐ <1.0	☐

SOUND

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

STORAGE

☐ **Supports Internal CD-ROM**

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 500-750MB
Internal HD Interface: IDE
Original CD-ROM Speed:

HISTORY

Introduced in August 1995, the PowerBook 5300 was the first PowerPC PowerBook, and the first to include a sleep-swapable 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.

Note: n/a = information not available or not applicable