Macintosh Performa 5220CD

SYSTEM

Introduced: May 1995
Discontinued: April 1997
Gestalt ID: 41
Form Factor: PM 5200
Weight (lbs.): 47
Dimensions (inches): 17.5 H x 15.1 W x 16 D

Codename: Trailblazer, Bongo,
Oder Number:
KB Article #:

This system is not sold in the U.S.

POWER

Max. Watts: 125
Amps: 4.00
BTU Per Hour: 427.5
Voltage Range: 110-240
Freq'y Range (Hz): 50-60
Battery Type: 4.5V alkaline
☒ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 1
Video: opt. DB-15
Floppy: none
SCSI: DB-25
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: PlainTalk

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

VIDEO

Built-in Display: *15" shadow mask RGB*

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
60 ns	built in	1MB DRAM	n/a	n/a	16	n/a	8	8	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.

Video in not supported at 832x624.

LOGIC BOARD

Main Processor: 603, 75 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 37.5 MHz
L1 Cache: 16K
L2 Cache: 256K
Secondary Processor: none
Slots: LC, comm., TV, video in/out

MEMORY

Memory on Logic Board: none
Minimum RAM: 8 MB
Maximum RAM: 64 MB
RAM Slots: 2 72-pin
Minimum RAM Speed: 80 ns
RAM Sizes: 4, 8, 16, 32 MB
Install in Groups of: 1

SOFTWARE

☒ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: J-7.5.1
Original Enabler: System Enabler 406

ROM ID: $077D
ROM Version: $26
ROM Size: 4MB
AppleTalk Version: 58.1.3

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

☒ **Built-in Microphone**

Microphone Port Type: PlainTalk
Sound In: mono, 16-bit
Sound Out: stereo, 16-bit

Some systems have 8-bit sound. INPUT: impedance 100 kOhm; avg. line level 100 mV rms; avg. mic. level 70 mV rms, max. input level 1.8 V

STORAGE

☒ **Supports Internal CD-ROM**

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 500MB
Internal HD Interface: IDE
Original CD-ROM Speed: 4x

HISTORY

Introduced in April 1995, The 5200 LC was the first LC model with a PowerPC chip. Released initially only in educational markets, the 5200 LC was powered by a 75 Mhz 603 processor, a lower voltage variant of the 601, and came in a restyled LC 550 all-in-one case. It sold for $2000, and was replaced in April 1996 by the faster 5260, which had a 100 Mhz 603e and was available in consumer markets (The 5260 had a smaller 14" Monitor.). The 5200 was also released in Apple's Performa line as the Performas 5200CD, 5210CD, 5215CD, 5220CD, 5260CD, 5270CD, 5280CD, 5300CD and 5320CD, each of which had different hardware and software bundles. There was also a 5300 LC and 5320 LC released to the educational market, which had the same design but with 100 and 120 Mhz 603e's, respectively and different hardware and software bundles. all have now been discontinued.