Apple Spec Database
System Fact Sheet

Macintosh Performa 588CD

SYSTEM

Introduced: April 1995
Discontinued: April 1996
Gestalt ID: 99
Form Factor: LC 520
Weight (lbs.): 40.5
Dimensions (inches): 17.9 H x 13.5 W x 16.5 D

Codename:
Oder Number:
KB Article #:

This system is not sold in the U.S.

POWER

Max. Watts: 40
Amps: 0.50
BTU Per Hour: 136.8
Voltage Range: 90-264
Freq'y Range (Hz): 47-63
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: *14" 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	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: 68LC040, 66 MHz
PMMU: integrated
FPU: none
Data Path: 32-bit, 33 MHz
L1 Cache: 8K
L2 Cache: none
Secondary Processor: none
Slots: LC, comm., video in/out

MEMORY

Memory on Logic Board: 4 MB
Minimum RAM: 8 MB
Maximum RAM: 52 MB
RAM Slots: 2   72-pin
Minimum RAM Speed: 80 ns
RAM Sizes: 1, 2, 4, 8, 16, 32 MB
Install in Groups of: 1

Second SIMM slot can accept only 1, 4, or 16MB SIMMs.

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: J-7.5
Original Enabler: none

ROM ID: $067C
ROM Version: $32
ROM Size: 1MB
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

Microphone Port Type: PlainTalk
Sound In: mono, 8-bit
Sound Out: stereo, 8-bit
☒ **Built-in Microphone**

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

Released in April 1995, the LC 580 doubled the VRAM (to 1 MB) of its predecessor, the LC 575, and a video in/out slot was added. (This slot was similar to the TV tuner slot featured in the short lived Mac TV.) The LC 580 also sold as the Performas 580CD and 588CD and was discontinued a year later.

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