# Macintosh Performa 520

## SYSTEM

**Introduced:** June 1993
**Discontinued:** February 1994
**Gestalt ID:** 56
**Form Factor:** LC 520
**Weight (lbs.):** 40.5
**Dimensions (inches):** 17.9 H x 13.5 W x 16.5 D

**Codename:** Hook
**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:** 3.6V lithium
☒ **Soft Power**
☐ **Monitor Power Outlet**

## PORTS

**ADB:** 2
**Video:** none
**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" Sony Trinitron 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 ns | built in | 512K VRAM | n/a | n/a | 8 | n/a | n/a | n/a | n/a | n/a | n/a |
|  | 1x256K | 768K 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:** 68030, 25 MHz
**PMMU:** integrated
**FPU:** opt. 68882
**Data Path:** 32-bit, 25 MHz
**L1 Cache:** 0.5K
**L2 Cache:** none
**Secondary Processor:** none
**Slots:** 1 LC PDS

## MEMORY

**Memory on Logic Board:** 4 MB
**Minimum RAM:** 4 MB
**Maximum RAM:** 36 MB
**RAM Slots:** 1  72-pin
**Minimum RAM Speed:** 80 ns
**RAM Sizes:** 1, 2, 4, 8, 16, 32 MB
**Install in Groups of:** 1

## SOFTWARE

☐ **Speech Recognition Supported**

**Addressing Modes:** 24-, 32-bit
**Original SSW:** J-7.1
**Original Enabler:** System Enabler 403 vJ2-1.0

**ROM ID:** $067C
**ROM Version:** n/a
**ROM Size:** 1MB
**AppleTalk Version:** 57.0.4

**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

**Floppy Size:** 1.44MB
**Floppy Inject:** auto
**Internal HD Size:** 80-160MB
**Internal HD Interface:** SCSI
**Original CD-ROM Speed:** 2x
☒ **Supports Internal CD-ROM**

## HISTORY

Released in June 1993, the LC 520 was Apple's attempt to create a viable all-in-one computer for the 90s. It came in an attractive new one-piece case, sold for $2,000 and proved to be a popular home model. Many 520-style Macs have been produced since. The LC 520 was also released as the Performa 520.