Macintosh 128K

SYSTEM

Introduced: January 1984
Discontinued: October 1985
Gestalt ID: 1
Form Factor: 128
Weight (lbs.): 16.5
Dimensions (inches): 13.6 H x 9.6 W x 10.9 D

Codename: Macintosh
Oder Number: M0001LL/A
KB Article #:

Support Discontinued 9/1/98

POWER

Max. Watts: 60
Amps: 0.50
BTU Per Hour: 205.2
Voltage Range: 105-125
Freq'y Range (Hz): 50-60
Battery Type: 4.5V alkaline, #523
☐ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 0
Video: none
Floppy: DB-19
SCSI: none
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: none

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

The serial ports in this system do not support handshaking or synchronous modems.

VIDEO

Built-in Display: *9" monochrome CRT*

Maximum Color Bit-depth[1] At:

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

Screen size is 512x342.

LOGIC BOARD

Main Processor: 68000, 8 MHz
PMMU: none
FPU: none
Data Path: 16-bit, 8 MHz
L1 Cache: none
L2 Cache: none
Secondary Processor: none
Slots: none

MEMORY

Memory on Logic Board: 0.125 MB
Minimum RAM: 0.125MB
Maximum RAM: 0.125 MB
RAM Slots: 0   n/a
Minimum RAM Speed: n/a
RAM Sizes: n/a
Install in Groups of: n/a

This system has no built-in memory expansion, however third-party upgrades could take this system to 512K via 150 ns RAM chips.

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 24-bit
Original SSW: 0.0
Original Enabler: none

ROM ID: $0000
ROM Version: n/a
ROM Size: 64K
AppleTalk Version: n/a

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: none
Sound In: none
Sound Out: mono, 8-bit

STORAGE

☐ **Supports Internal CD-ROM**

Floppy Size: 400K
Floppy Inject: manual
Internal HD Size: none
Internal HD Interface: none
Original CD-ROM Speed:

HISTORY

There it was: a beige one-piece computer with no fan, no expansion slots, and a $2,500 price tag. Steve Job's brainchild, a direct descendant of the neato, but grossly overpriced, Lisa, was born January 24, 1984, out of his passion, his rages, and his vision of a computer as commonplace as the telephone.

Despite its shortcomings (no SCSI, no ADB, no slots at all), if you were among those who first drew in MacPaint in 1984, you may remember the simple irrisistibility of the computer, which was the most user-friendly ever built.