Macintosh 512Ke

SYSTEM

Introduced: April 1986
Discontinued: September 1987
Gestalt ID: 3
Form Factor: 128
Weight (lbs.): 16.5
Dimensions (inches): 13.6 H x 9.6 W x 10.9 D

Codename: Fat Mac
Oder Number:
KB Article #: 1970

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:	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 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: 0.5 MB
Minimum RAM: 0.5 MB
Maximum RAM: 0.5 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 2MB via 150 ns RAM chips.

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 24-bit
Original SSW: 1.0
Original Enabler: none

ROM ID: $0075
ROM Version: n/a
ROM Size: 128K
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: 800K
Floppy Inject: manual
Internal HD Size: none
Internal HD Interface: none
Original CD-ROM Speed:

HISTORY

Introduced in September of 1984, The Mac 512k was a Mac 128k with 384k more RAM. It was replaced in April 1986 with the 512ke, which included an 800k floppy drive, and a 128k ROM. It was discontinued later that year. The 512k sold for $3,195, and the 512ke for $1,999.