Macintosh II

SYSTEM

Introduced: March 1987
Discontinued: January 1990
Gestalt ID: 6
Form Factor: II
Weight (lbs.): 24
Dimensions (inches): 5.5 H x 18.7 W x 14.4 D

Codename: Little Big Mac,
Oder Number:
KB Article #: 2884, 10197

Support Discontinued 9/1/98

POWER

Max. Watts: 230
Amps: 1.90
BTU Per Hour: 786.6
Voltage Range: 90-270
Freq'y Range (Hz): 48-62
Battery Type: n/a
☒ **Soft Power**
☒ **Monitor Power Outlet**

PORTS

ADB: 2
Video: VGA
Floppy: none
SCSI: DB-25
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: none
☒ **Printer** ☒ **Speaker**
☒ **Modem** ☐ **Headphone**
☐ **Airport** ☐ **Remote Control**

VIDEO

Built-in Display: *none*

Maximum Color Bit-depth[1] At:

	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
VRAM Speed: **VRAM Needed:**										
n/a n/a	requires video card	n/a	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.

LOGIC BOARD

Main Processor: 68020, 16 MHz
PMMU: opt. 68851
FPU: 68881
Data Path: 32-bit, 16 MHz
L1 Cache: 0.25K
L2 Cache: none
Secondary Processor: none
Slots: 6 NuBus

MEMORY

Memory on Logic Board: none
Minimum RAM: 1 MB
Maximum RAM: 20 MB
RAM Slots: 8   30-pin
Minimum RAM Speed: 120 ns
RAM Sizes: 256 K, 1, 4 MB
Install in Groups of: 4

4MB or 16MB SIMMs cannot be put into Bank A, unless Macintosh II SuperDrive Upgrade is installed.

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 24-bit
Original SSW: 2.0
Original Enabler: none

ROM ID: $0178
ROM Version: n/a
ROM Size: 256K
AppleTalk Version: 49

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: none
Sound In: none
Sound Out: stereo, 8-bit
☐ **Built-in Microphone**

STORAGE

☐ **Supports Internal CD-ROM**

Floppy Size: 800K (x2)
Floppy Inject: auto
Internal HD Size: 40-80MB
Internal HD Interface: SCSI
Original CD-ROM Speed:

HISTORY

Introduced in March 1987, The Mac II was the ultimate expandable Mac. Based on the new 68020 processor, the Mac II was the first 32-bit Mac (although it was not "32-bit clean). The Mac II included 6 Nubus slots, which allowed for a number of different Apple and Third Part expansion cards. The Mac II was the first Mac with color capabilities--a graphics card could be installed capable of handling up to 16.7 million colors! It originally sold for $3,898 for the basic system, and at $5,498 for 1 MB of RAM, one 800K floppy disk drive and one 40 MB internal SCSI hard disk drive.