



System Fact Sheet

SYSTEM

Introduced: May 1980
Discontinued: September 1985
Gestalt ID:
Form Factor: Apple III
Weight (lbs.): 26
Dimensions (inches): 4.8 H x 17.5 W x 18.2 D

Codename: Sarah
Oder Number: A3S1
KB Article #: 6950

POWER

Max. Watts: 100
Amps: .83
BTU Per Hour: 342
Voltage Range: 107-132
Freq'y Range (Hz): 60
Battery Type:
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 0
Video: VGA
Floppy: none
SCSI: optional
GeoPort Connectors: none
Ethernet: none
Microphone Port Type:
 Printer Speaker
 Modem Headphone
 Airport Remote Control

VIDEO

Built-in Display:

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
			x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024

80x24 text
 1 bit (B&W) 590x192

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.

LOGICBOARD

Main Processor: Synertek 6502A, 2 MHz
PMMU: none
FPU: none
Data Path: 8-bit, 1 MHz
L1 Cache: n/a
L2 Cache: n/a
Secondary Processor: n/a
Slots: 4 proprietary

MEMORY

Memory on Logic Board: 128k
Minimum RAM:
Maximum RAM: 256k
RAM Slots: expansio
Minimum RAM Speed:
RAM Sizes:
Install in Groups of:

SOFTWARE

Speech Recognition Supported

Supported Macintosh System Software:

Addressing Modes:
Original SSW:
Original Enabler:

ROM ID:
ROM Version:
ROM Size: 4k
AppleTalk Version:

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:
Sound In:
Sound Out: mono, 8-bit

Built-in Microphone

STORAGE

Supports
**Internal
 CD-ROM**

Floppy Size: built-in Shugart
Floppy Inject: manual
Internal HD Size:
Internal HD Interface:
Original CD-ROM Speed:

HISTORY

The Apple III was announced in June 1980. It contained a Synertek 8-bit 6502A processor which could run at speeds up to 2 MHz. It contained 128K of RAM and a 4K ROM. It could run most Apple II programs through emulation, and came with a sophisticated new operating system. It was the first Apple to include a built-in 5.25" disk drive, and hi-res graphics built-in to the motherboard. It was designed to be Apple's business offering, but sold very poorly. It sold initially for between \$4,340 and \$7,800, depending on the configuration. The original Apple III had many problems, and was replaced by a revised model in mid 1981, which featured 256K RAM, updated system software, and a lower price (\$3495). A 5 MB external hard disk was also made available. The Apple III sold very poorly and was replaced by the Apple IIIplus (\$2995) in Late 1983. The Apple IIIplus was discontinued in 1985.