Apple

Spec Database

System Fact Sheet

Apple I

SYSTEM

Introduced: April 1976
Discontinued: January 1977
Gestalt ID:
Form Factor: Apple I
Weight (lbs.):
Dimensions (inches):

Codename:
Oder Number:
KB Article #:

POWER

Max. Watts: 58
Amps:
BTU Per Hour: 198.36
Voltage Range: 8-10
Freq'y Range (Hz):
Battery Type:
☐ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

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

VIDEO

Built-in Display:

VRAM Speed: **VRAM Needed:**
60.05Hz

Video Configuration:
40x24 text w/ auto scroll

Maximum Color Bit-depth[1] At:

512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024

[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: MOS 6502, 1 MHz
PMMU: none
FPU: none
Data Path: 8-bit, 1 MHz
L1 Cache: n/a
L2 Cache: n/a
Secondary Processor: n/a
Slots:

MEMORY

Memory on Logic Board: 8k
Minimum RAM:
Maximum RAM: 32k (65k hacked)
RAM Slots: expansio
Minimum RAM Speed:
RAM Sizes:
Install in Groups of:

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes:
Original SSW:
Original Enabler:

ROM ID:
ROM Version:
ROM Size:
AppleTalk Version:

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:
Sound In:
Sound Out:

STORAGE

☐ **Supports Internal CD-ROM**

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

HISTORY

The Apple I was the result of the development efforts of Steve Wozniak, Steve Jobs, and Ron Wayne. It was developed, not in a garage, but in the bedroom of Steve Wozniak's home on 11161 Crist Drive in Los Altos (the house number was later changed to 2066).

Steve Wozniak built the printed circuit-board, while Ron Wayne wrote the Apple-1 Operation Manual at his home. Steve Jobs did what he does best, advertising the Apple I to friends and family. They first previewed the Apple I in action during a May 1976 meeting of the Homebrew Computer Club.

Note: n/a = information not available or not applicable