Apple

Spec Database

System Fact Sheet

Apple IIe

SYSTEM

Introduced: January 1983
Discontinued: March 1985
Gestalt ID:
Form Factor: Apple II
Weight (lbs.): 12
Dimensions (inches): 4.5 H x 15.13 W x 18 D

Codename: Diana, LCA
Oder Number: A2S2064
KB Article #: 382

POWER

Max. Watts: 60
Amps: .5
BTU Per Hour: 205.2
Voltage Range: 107-135
Freq'y Range (Hz): 60
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:**

Video Configuration:
40 column text, 1 bit color at
4-bit color at 140x192

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: 8 proprietary

MEMORY

Memory on Logic Board: 64k
Minimum RAM:
Maximum RAM: 128k
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: 16k
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: mono, 8-bit

STORAGE

☐ **Supports Internal CD-ROM**

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

HISTORY

Released in January 1983, The Apple IIe was to be one of the most successful Apple computers ever. It was based on the 65C02 processor, which could run at 1.02 Mhz. It came with 64K of RAM and a 32K ROM which included BASIC, an assembly language interface, and several other hard-coded options. The Apple IIe originally sold for $1,395, and had a number of improvements and facelifts until it was finally discontinued in mid 1993, making it the only Apple computer be in production for more than 10 years.