



System Fact Sheet

SYSTEM

Introduced: June 1979
Discontinued: June 1983
Gestalt ID:
Form Factor: Apple II
Weight (lbs.): 12
Dimensions (inches): 4.5 H x 15.1 W x 18 D

Codename: Darth Vader
Oder Number: A2S1016B
KB Article #: 105, 491

POWER

Max. Watts: 60
Amps: .5
BTU Per Hour: 205.2
Voltage Range: 107-135
Freq'y Range (Hz): 50-60
Battery Type:
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 0
Video: VGA
Floppy: none
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:	512	640	640	640	800	832	1024	1152	1280
			x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024

6 color at 280x192
4-bit color at 40x48

Maximum Color Bit-depth¹ At:

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: 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: 48k
Minimum RAM:
Maximum RAM: 64k
RAM Slots: expansio
Minimum RAM Speed:
RAM Sizes:
Install in Groups of:

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW:
Original Enabler:

ROM ID:
ROM Version:
ROM Size: 12k
AppleTalk Version:

Supported Macintosh System Software:

<input type="checkbox"/> A/UX 1.0	<input type="checkbox"/> NOS 1.11	<input type="checkbox"/> ProDOS	<input type="checkbox"/>
<input type="checkbox"/> A/UX 1.11	<input type="checkbox"/> NOS 1.3	<input type="checkbox"/> GS/OS	<input type="checkbox"/>
<input type="checkbox"/> A/UX 2.0	<input type="checkbox"/> NOS 2.0	<input type="checkbox"/> NeXTStep 1.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 3.0.1	<input type="checkbox"/> NOS 2.1	<input type="checkbox"/> NeXTStep 2.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.4	<input type="checkbox"/> LOS 7/7	<input type="checkbox"/> NeXTStep 3.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.4.1	<input checked="" type="checkbox"/> DOS 3.1	<input type="checkbox"/> OpenStep	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.5	<input type="checkbox"/> SOS 1.3	<input type="checkbox"/> <1.0	<input type="checkbox"/>

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

Essentially an extension of the Apple II, the II Plus came with 48K RAM, and a new auto-start ROM for easier start-up and screen editing. It also included a new flavor of Basic in the ROM--a floating point version written by a new company called Microsoft. It was released in June 1978 and retailed for \$1,195. The IIplus was sold in Europe as the IIeuroplus, which could display video in European PAL format, and had ESC sequences for European letters. It was replaced by the Apple IIe in 1983.

Look familiar? It should. This is the Bell & Howell II+, needless to say, it is just an Apple II+ with a few modifications: