



System Fact Sheet

SYSTEM	POWER	PORTS
<p>Introduced: September 1986 Discontinued: December 1992 Gestalt ID: Form Factor: Apple IIgs Weight (lbs.): 8.72 Dimensions (inches): 4.6 H x 11.2 W x 13.7 D</p> <p>Codename: Cortland, Phoenix, Order Number: A0012LL/A KB Article #: 7889, 1937, 10192</p>	<p>Max. Watts: 60 Amps: .5 BTU Per Hour: 205.2 Voltage Range: 107-132 Freq'y Range (Hz): 50-60 Battery Type: <input type="checkbox"/> Soft Power <input type="checkbox"/> Monitor Power Outlet</p>	<p>ADB: 1 Video: VGA Floppy: none SCSI: none GeoPort Connectors: none Ethernet: none</p> <p>Microphone Port Type: <input checked="" type="checkbox"/> Printer <input checked="" type="checkbox"/> Speaker <input checked="" type="checkbox"/> Modem <input type="checkbox"/> Headphone <input type="checkbox"/> Airport <input type="checkbox"/> Remote Control</p>

VIDEO	Built-in Display:	Maximum Color Bit-depth ¹ At:																		
<p>VRAM Speed: VRAM Needed: Video Configuration:</p> <p>2-bit color at 640x200 4-bit color at 320x200</p>		<table border="0"> <tr> <td>512</td><td>640</td><td>640</td><td>640</td><td>800</td><td>832</td><td>1024</td><td>1152</td><td>1280</td> </tr> <tr> <td>x384</td><td>x400</td><td>x480</td><td>x870²</td><td>x600</td><td>x624</td><td>x768</td><td>x870</td><td>x1024</td> </tr> </table>	512	640	640	640	800	832	1024	1152	1280	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
512	640	640	640	800	832	1024	1152	1280												
x384	x400	x480	x870 ²	x600	x624	x768	x870	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.

LOGICBOARD	MEMORY
<p>Main Processor: Western Design Center 65SC816, 2.8 MHz PMMU: none FPU: none Data Path: 16-bit, 1 MHz L1 Cache: none L2 Cache: none Secondary Processor: none Slots: 7 proprietary</p>	<p>Memory on Logic Board: 256k Minimum RAM: Maximum RAM: 8 MB RAM Slots: expansio Minimum RAM Speed: RAM Sizes: Install in Groups of:</p>

SOFTWARE	Supported Macintosh System Software:																												
<p><input type="checkbox"/> Speech Recognition Supported</p> <p>Addressing Modes: Original SSW: Original Enabler:</p> <p>ROM ID: ROM Version: ROM Size: 128k/256 AppleTalk Version:</p>	<table border="0"> <tr> <td><input type="checkbox"/> A/UX 1.0</td><td><input type="checkbox"/> NOS 1.11</td><td><input checked="" type="checkbox"/> ProDOS</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 1.11</td><td><input type="checkbox"/> NOS 1.3</td><td><input checked="" type="checkbox"/> GS/OS</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 2.0</td><td><input type="checkbox"/> NOS 2.0</td><td><input type="checkbox"/> NeXTStep 1.x</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 3.0.1</td><td><input type="checkbox"/> NOS 2.1</td><td><input type="checkbox"/> NeXTStep 2.x</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.4</td><td><input type="checkbox"/> LOS 7/7</td><td><input type="checkbox"/> NeXTStep 3.x</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.4.1</td><td><input type="checkbox"/> DOS 3.1</td><td><input type="checkbox"/> OpenStep</td><td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.5</td><td><input type="checkbox"/> SOS 1.3</td><td><input type="checkbox"/> <1.0</td><td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/> A/UX 1.0	<input type="checkbox"/> NOS 1.11	<input checked="" type="checkbox"/> ProDOS	<input type="checkbox"/>	<input type="checkbox"/> A/UX 1.11	<input type="checkbox"/> NOS 1.3	<input checked="" 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 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"/>
<input type="checkbox"/> A/UX 1.0	<input type="checkbox"/> NOS 1.11	<input checked="" type="checkbox"/> ProDOS	<input type="checkbox"/>																										
<input type="checkbox"/> A/UX 1.11	<input type="checkbox"/> NOS 1.3	<input checked="" 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 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	STORAGE
<p><input type="checkbox"/> Built-in Microphone</p> <p>Microphone Port Type: Sound In: Sound Out: mono, 8-bit</p>	<p><input type="checkbox"/> Supports Internal CD-ROM</p> <p>Floppy Size: Floppy Inject: manual Internal HD Size: Internal HD Interface: Original CD-ROM Speed:</p>

HISTORY

The last member of the Apple II line, The Apple IIgs was a also the most powerful. Announced in September 1986, the IIgs was built around a Western Design Center 65C816 processor running at either 2.8 or 1 Mhz. It included expanded graphics and sound functions, and was initially offered with 256k of RAM, expandable to 8 MB.

The IIgs also offered 128k of ROM, expandable to 1 MB. The IIgs shipped with a Mac-like interface and a IIgs-specific OS, and introduced the Apple Desktop Bus (ADB) port. (It also ran most other Apple II software.) The IIgs was the first computer to include a Large Scale Integration (LSI) chip, designed by Steve Wozniak, and called the IWM (Integrated Woz Machine).