



**System Fact Sheet**

**SYSTEM**

**Introduced:** April 1995  
**Discontinued:** April 1996  
**Gestalt ID:** 40  
**Form Factor:** Quadra 800  
**Weight (lbs.):** 25.3  
**Dimensions (inches):** 14 H x 7.7 W x 15.75 D

**Codename:** Starbucks  
**Oder Number:**  
**KB Article #:** 17490, 17491

**POWER**

**Max. Watts:** 200  
**Amps:** 9.00  
**BTU Per Hour:** 684  
**Voltage Range:** 100-240  
**Freq'y Range (Hz):** 50-60  
**Battery Type:** 3.6V lithium

**Soft Power**  
 **Monitor Power Outlet**

**PORTS**

**ADB:** 1  
**Video:** HDI-45  
**Floppy:** none  
**SCSI:** DB-25  
**GeoPort Connectors:** 2  
**Ethernet:** AAUI-15  
**Microphone Port Type:** PlainTalk

**Printer**     **Speaker**  
 **Modem**     **Headphone**  
 **Airport**     **Remote Control**

**VIDEO**

**Built-in Display:** none

**VRAM Speed:** n/a    **VRAM Needed:** built in    **Video Configuration:** DRAM (HDI-45)

		<i>Maximum Color Bit-depth<sup>1</sup> At:</i>									
		512	640	640	640	800	832	1024	1152	1280	
<b>VRAM Speed:</b>	<b>VRAM Needed:</b>	x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024	
		16	n/a	16	8	n/a	8	n/a	n/a	n/a	

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions  
<sup>2</sup> The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

**LOGICBOARD**

**Main Processor:** 601+, 110 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 36.7 MHz  
**L1 Cache:** 32K  
**L2 Cache:** 256K  
**Secondary Processor:** none  
**Slots:** 3 NuBus, 1 PDS

**MEMORY**

**Memory on Logic Board:** 8 MB  
**Minimum RAM:** 16 MB  
**Maximum RAM:** 264 MB  
**RAM Slots:** 8 72-pin  
**Minimum RAM Speed:** 80 ns  
**RAM Sizes:** 4, 8, 16, 32 MB  
**Install in Groups of:** 2

**SOFTWARE**

**Speech Recognition Supported**

**Addressing Modes:** 32-bit  
**Original SSW:** 7.5.1  
**Original Enabler:** none

**ROM ID:** \$077D  
**ROM Version:** n/a  
**ROM Size:** 4MB  
**AppleTalk Version:** 58.1.5

**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 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:** PlainTalk  
**Sound In:** stereo, 16-bit  
**Sound Out:** stereo, 16-bit

**STORAGE**

**Supports Internal CD-ROM**

**Floppy Size:** 1.44MB  
**Floppy Inject:** manual  
**Internal HD Size:** 1GB  
**Internal HD Interface:** SCSI  
**Original CD-ROM Speed:** 4x

**HISTORY**

The Workgroup Server 8150 was based on the PowerMac 8100 motherboard, and included bundled server software. It was "speed bumped" to 110 Mhz in April 1995.