



**System Fact Sheet**

**SYSTEM**

**Introduced:** February 1994  
**Discontinued:** June 1994  
**Gestalt ID:** 53  
**Form Factor:** Centris 610  
**Weight (lbs.):** 14  
**Dimensions (inches):** 3.4 H x 16.3 W x 15.6 D

**Codename:** Speedbump 610  
**Oder Number:**  
**KB Article #:** 14670

**POWER**

**Max. Watts:** 210  
**Amps:** 1.70  
**BTU Per Hour:** 718.2  
**Voltage Range:** 100-240  
**Freq'y Range (Hz):** 47-63  
**Battery Type:** 3.6V lithium  
 **Soft Power**  
 **Monitor Power Outlet**

**PORTS**

**ADB:** 2  
**Video:** DB-15  
**Floppy:** none  
**SCSI:** DB-25  
**GeoPort Connectors:** none  
**Ethernet:** AAUI-15  
**Microphone Port Type:** Omni  
 **Printer**     **Speaker**  
 **Modem**     **Headphone**  
 **Airport**     **Remote Control**

*PC game port also available.*

**VIDEO**      **Built-in Display:** none

		<b>Maximum Color Bit-depth<sup>1</sup> At:</b>									
		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	
100 ns	built in	16	n/a	8	4	8	8	4	4	n/a	
	2x256K	16	n/a	16	8	16	16	8	8	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.  
*512K RAM for DOS video.*

**LOGIC BOARD**

**Main Processor:** 68040, 25 MHz  
**PMMU:** integrated  
**FPU:** optional  
**Data Path:** 32-bit, 25 MHz  
**L1 Cache:** 8K  
**L2 Cache:** none  
**Secondary Processor:** Intel 486SX-25  
**Slots:** PDS filled

**MEMORY**

**Memory on Logic Board:** 4 MB  
**Minimum RAM:** 4 MB  
**Maximum RAM:** 68 MB  
**RAM Slots:** 2 72-pin  
**Minimum RAM Speed:** 80 ns  
**RAM Sizes:** 4, 8, 16, 32 MB  
**Install in Groups of:** 1

*DOS card can accept one 72-pin SIMM (⌘ 80 ns), up to 32MB in size.*

**SOFTWARE**       **Speech Recognition Supported**

**Addressing Modes:** 24-, 32-bit  
**Original SSW:** 7.1  
**Original Enabler:** System Enabler 040 v1.1

**ROM ID:** \$067C  
**ROM Version:** \$23  
**ROM Size:** 1MB  
**AppleTalk Version:** 57.0.4

**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:** Omni  
**Sound In:** mono, 8-bit  
**Sound Out:** stereo, 8-bit

**STORAGE**

**Supports Internal CD-ROM**

**Floppy Size:** 1.44MB  
**Floppy Inject:** auto  
**Internal HD Size:** 160-230MB  
**Internal HD Interface:** SCSI  
**Original CD-ROM Speed:** 2x

**HISTORY**

The Centris 610 was one of the first mid-range computers to include a 68040 processor and the first Mac to be housed in the now-familiar low-profile case. It was replaced in October 1993 with the Quadra 610, which had a 25 Mhz full 68040 processor, but was in all other ways the same. The Centris/Quadra 610 sold for \$2,520.