



System Fact Sheet

SYSTEM

Introduced: July 1995
Discontinued: October 1995
Gestalt ID: 98
Form Factor: Quadra 630
Weight (lbs.): 19
Dimensions (inches): 4.3 H x 12.6 W x 16.5 D

Codename: Crusader, Show Biz,
Order Number:
KB Article #: 18164

POWER

Max. Watts: 45
Amps: 1.25
BTU Per Hour: 153.9
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 4.5V alkaline
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: DB-15
Floppy: none
SCSI: DB-25
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: PlainTalk
 Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

VIDEO

Built-in Display: none

Maximum Color Bit-depth¹ At:

	512	640	640	640	800	832	1024	1152	1280
VRAM Speed:	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
VRAM Needed:	60 ns	built in	1MB DRAM	16	n/a	16	n/a	8	8
Video Configuration:									

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.

Video in not supported at 832x624.

LOGICBOARD

Main Processor: 68LC040, 66 MHz
PMMU: integrated
FPU: none
Data Path: 32-bit, 33 MHz
L1 Cache: 8K
L2 Cache: none
Secondary Processor: none
Slots: LC, comm., TV, video in

MEMORY

Memory on Logic Board: 4 MB
Minimum RAM: 8 MB
Maximum RAM: 52 MB
RAM Slots: 2 72-pin
Minimum RAM Speed: 80 ns
RAM Sizes: 1, 2, 4, 8, 16, 32 MB
Install in Groups of: 1

Second SIMM slot can accept only 1, 4, or 16MB SIMMs.

SOFTWARE

Speech Recognition Supported

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

ROM ID: \$067C
ROM Version: \$21
ROM Size: 1MB
AppleTalk Version: 57.0.4

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

Microphone Port Type: PlainTalk
Sound In: mono, 8-bit
Sound Out: stereo, 8-bit

Built-in Microphone

STORAGE

Supports Internal CD-ROM

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 500MB
Internal HD Interface: IDE
Original CD-ROM Speed: 2x

HISTORY

The last of the Quadra line, the Quadra 630 was introduced in June 1994. The 630 was a hybrid of a Quadra and an LC in a sleek new case. It had an internal IDE hard drive (the 630 was the first Mac to use the IDE bus), and an optional CD-ROM drive. It sold for \$1,200, and was also released as the LC 630, and the Performa 630, 630CD, 631CD, 635CD, 636, 636CD, 637CD, 638CD, and 640CD, each of which was bundled with different software, accessories, monitors, and hard drives (some Performas had a 68LC040, and several were also available with a 25 Mhz 486SX DOS card). The Quadra 630 was discontinued in August 1995.