



Tech Info Library

Macintosh Quadra 630: Specifications (11/95)

Article Created: 15 July 1994

Article Reviewed/Updated: 29 November 1995

TOPIC -----

This article gives the technical specifications for the Macintosh Quadra 630 computer.

DISCUSSION -----

Microprocessor

- Motorola 68040 with integrated FPU-66 MHz internal processor clock speed, 33 MHz system bus clock; 32-bit data bus

Memory

- 4MB RAM soldered to logic board, one SIMM socket for expansion up to 36MB of memory. Utilizes 72 pin, 80ns memory.

Disk Drives

- One built-in Apple SuperDrive 1.4MB floppy disk drive
- One internal 250MB, 350MB or 500MB IDE type hard disk
- Optional internal CD-ROM drive

Video Display

- Supports Apple displays of up to 15 inches
- Works with a wide range of third-party VGA and SVGA displays
- 1MB DRAM display support, independent from system DRAM
- Standard 16-bit color for display of up to 32,768 colors on monitors of up to 14 inches and on 15-inch monitors at 640- by 480-pixel resolution
- Standard 8-bit color for display of 256 colors on 15-inch monitors at 800- by 600-pixel resolution

Interfaces

- One Apple Desktop Bus (ADB) port supports a keyboard, mouse, and other devices
- Two (RS-232/RS-422) serial ports
- SCSI interface port for connecting up to six external peripheral devices

(five in configurations with internal CD-ROM player)

- Internal expansion slot compatible with most Macintosh Performa 400 and 500 series, Macintosh Quadra 605, Macintosh LC II, LC III, LC 475, LC 520, and LC 575 processor-direct cards
- Communications slot for future addition of either Ethernet card or 14.4-baud fax/modem card
- Video slot for NTSC, PAL, and SECAM video-input card
- Dedicated connector for internal TV tuner
- One standard monitor port also supports connection to external video-out (NTSC or PAL) drop box

Networking

- Built-in AppleTalk port

Keyboard and Mouse

- Several ADB keyboards with numeric key pads available
- Apple Desktop Bus Mouse II

Clock/Calendar

- Custom integrated circuit with long-life lithium battery

Disability Access

- CloseView, Easy Access, and the ability to substitute visual cue for beep included with system software. These built-in solutions and third-party options provide alternative input and output devices for people with disabilities.

Electrical Requirements

100-240 volts AC, 50-60 Hz

ADB Power Requirements

500ma maximum draw

Size and Weight

- Height: 4.3 in. (10.95 cm)
- Width: 12.6 in. (32 cm)
- Depth: 16.5 in. (41.95 cm)
- Weight: 19 lb. (8.6 kg) with CD-ROM player (varies based on internal devices installed)

Operating Environment

Operating temperature 50° F to 104° F (10° C to 40° C)

Storage temperature -40° F to 116.6° F (-40° C to 47° C)

Relative Humidity 5% to 95% noncondensing

Altitude Works below 10,000 feet (3048 m)

System Software Requirements

- System software version 7.1 with multitasking, file sharing, QuickTime, Balloon Help, TrueType fonts, and more

Article Change History:

29 Nov 1995 - Corrected minor typo.

Support Information Services

Copyright 1994-95, Apple Computer, Inc

Keywords: specsht

=====
This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 15838