Apple Spec Database

System Fact Sheet

Macintosh Quadra 700

SYSTEM

Introduced: October 1991
Discontinued: March 1993
Gestalt ID: 22
Form Factor: Quadra 700
Weight (lbs.): 13.6
Dimensions (inches): 5.5 H x 11.9 W x 14.4 D

Codename: Shadow, Spike, IIce, Evo
Oder Number:
KB Article #: 8985

Support Discontinued 9/1/98

POWER

Max. Watts: 50
Amps: 1.90
BTU Per Hour: 171
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
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**

VIDEO

Built-in Display: *none*

Maximum Color Bit-depth[1] At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
100 ns	built in	512K VRAM	8	n/a	8	4	n/a	8	n/a	4	n/a
	2x256K	1MB VRAM	24	n/a	8	8	n/a	8	n/a	8	n/a
	6x256K	2MB VRAM	24	n/a	24	8	n/a	24	n/a	8	n/a

[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.

512K VRAM SIMMs may be installed, but only 256K of each SIMM will be used.

LOGIC BOARD

Main Processor: 68040, 25 MHz
PMMU: integrated
FPU: integrated
Data Path: 32-bit, 25 MHz
L1 Cache: 8K
L2 Cache: none
Secondary Processor: none
Slots: 2 NuBus, 1 PDS

MEMORY

Memory on Logic Board: 4 MB
Minimum RAM: 4 MB
Maximum RAM: 20 MB
RAM Slots: 4 30-pin
Minimum RAM Speed: 80 ns
RAM Sizes: 1, 4 MB
Install in Groups of: 4

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 24-, 32-bit
Original SSW: 7.0.1
Original Enabler: none

ROM ID: $067C
ROM Version: n/a
ROM Size: 1MB
AppleTalk Version: 56.0.2

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

☐ **Built-in Microphone**

STORAGE

☐ **Supports Internal CD-ROM**

Floppy Size: 1.44MB
Floppy Inject: auto
Internal HD Size: 80-400MB
Internal HD Interface: SCSI
Original CD-ROM Speed:

HISTORY

The Quadra 700 was powered by a 25 Mhz 68040 processor, which included an FPU. It was the first in a new family of Macs, and was the first Mac to ship in a tower case (a IIcx case on its side, with the label rotated 90 degrees). The Quadra 700 was priced at $6,000.

Note: n/a = information not available or not applicable