Umax SuperMac J700/233

SYSTEM

Introduced: January 1998
Discontinued: February 1998
Gestalt ID:
Form Factor: SuperMac J700
Weight (lbs.): 28
Dimensions (inches): 6.5 H x 16.5 W x 17.25 D

Codename:
Oder Number:
KB Article #:

Called the Centauri 1800 in the UK

POWER

Max. Watts:
Amps:
BTU Per Hour:
Voltage Range: 100-240 V
Freq'y Range (Hz): 50-60 Hz
Battery Type: 3.6V lithium
☐ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 1
Video: DB-15
Floppy: none
SCSI: DB-25
GeoPort Connectors: 2
Ethernet: 10Base-T
Microphone Port Type:
☐ **Printer** ☒ **Speaker**
☐ **Modem** ☒ **Headphone**
☐ **Airport** ☐ **Remote Control**

VIDEO

Built-in Display:

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
		VRAM	2MB							24			
		VRAM	4MB									24	

[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.

xMicro Twin Turbo Graphics Accelerator

LOGIC BOARD

Main Processor: 604e, 233 MHz
PMMU: none
FPU: none
Data Path: , 50 MHz
L1 Cache: 32K
L2 Cache: 512K
Secondary Processor: none
Slots: 4 PCI

The J700 and S900 have a PCI bridge chip controlling all PCI slots except the first two, which use the normal Apple chip. As a result, only cards that are PCI 2.1 compliant can be installed in slots 3-6 (3-4 for

MEMORY

Memory on Logic Board: 16MB
Minimum RAM: 24MB
Maximum RAM: 1GB
RAM Slots: 8   168-pin
Minimum RAM Speed: 70 ns
RAM Sizes: 32, 64, 128 MB
Install in Groups of: 1

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: 7.5.3
Original Enabler:

ROM ID:
ROM Version:
ROM Size:
AppleTalk Version:

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

☐ **Built-in Microphone**

STORAGE

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 2.1GB
Internal HD Interface:
Original CD-ROM Speed: 24x

☒ **Supports Internal CD-ROM**

The version of FWB Hard Disk Toolkit that ships with the SuperMac may not be compatible with Mac OS 8 or later. You must use version

HISTORY

The J700 was Umax's least expensive computer to use the 604e processor. Very expandable, it has 4 PCI slots, 5 drive bays, 8 DIMM sockets, and a replaceable CPU. In fact, the motherboard is the same as that in the S900 except that only 4 of 6 PCI slots are installed and the second processor slot hasn't been installed. This means it should be possible to have a 6 slot, 2 processor computer by upgrading to the S900 motherboard.