



System Fact Sheet

SYSTEM

Introduced: September 1996
Discontinued: July 1997
Gestalt ID:
Form Factor: StarMax 4000
Weight (lbs.): 20
Dimensions (inches): 4.2 H x 16.3 W x 16.4 D

Codename:
Order Number:
KB Article #:

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**

PS/2 keyboard and mouse port

VIDEO

Built-in Display:

| | | | | | | | | | | | | |
|--------------------|---------------------|-----------------------------|------|------|------|-------------------|------|------|------|------|-------|------|
| | | | | | | | | | | | | |
| | | | | 512 | 640 | 640 | 640 | 800 | 832 | 1024 | 1152 | 1280 |
| VRAM Speed: | VRAM Needed: | Video Configuration: | x384 | x400 | x480 | x870 ² | x600 | x624 | x768 | x870 | x1024 | |
| | VRAM | 2MB | | | | | 24 | | | 16 | 8 | |
| | SGRAM | 4MB optional | | | | | | | | | | |

Maximum Color Bit-depth¹ At:

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.

LOGIC BOARD

Main Processor: 604e, 160 MHz
PMMU: none
FPU: none
Data Path: , 40 MHz
L1 Cache: 32K
L2 Cache: 512K
Secondary Processor: none
Slots: PCI: 3 on Desktop, 5 on Tower

MEMORY

Memory on Logic Board:
Minimum RAM: 16 or 32
Maximum RAM: 160 MB
RAM Slots: 3 168-pin
Minimum RAM Speed: 60 ns
RAM Sizes: 32, 64 MB
Install in Groups of: 1

16 MB or 32 MB standard (varies with configuration, but tower is always 32 MB), expandable to 160 MB using 3-volt 60ns or faster EDO DIMMs (older 5-volt DIMMs are not compatible). Peculiarly, RAM slot

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:

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

STORAGE

Supports Internal CD-ROM

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 1.2, 2.5, 4.3GB
Internal HD Interface:
Original CD-ROM Speed: 8 or 16

HISTORY

The 4000-series was Motorola's professional-level Maccompatible. Based on the Tanzania motherboard with a Power PC 604e CPU, these provide top performance at a reasonable price. All models include an EDI hard drive, an ATAPI CD-ROM player, and an unprecedented (at least in the Mac OS Planet) five-year warranty.

The most common complaints have been the quality of the case and noisiness. Overall, the StarMax has proven itself very reliable.