# Motorola StarMax 3000/200

## SYSTEM

**Introduced:** September 1996
**Discontinued:** July 1997
**Gestalt ID:**
**Form Factor:** StarMax 3000
**Weight (lbs.):** 20
**Dimensions (inches):** 4.2 H x 16.3 W x 16.4 D

**Codename:**
**Oder 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:**

### *Maximum Color Bit-depth[1] At:*

| | | | 512 x384 | 640 x400 | 640 x480 | 640 x870[2] | 800 x600 | 832 x624 | 1024 x768 | 1152 x870 | 1280 x1024 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **VRAM Speed:** | **VRAM Needed:** | **Video Configuration:** | | | | | | | | | |
| | VRAM | 1MB | | | | | | 16 | | | |
| | SGRAM | 4MB optional | | | | | | | | 8 | |

[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:** 603e, 200 MHz
**PMMU:** none
**FPU:** none
**Data Path:** , 40 MHz
**L1 Cache:** 32K
**L2 Cache:** 256-512K
**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:**
☐ 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:** 1.2, 2.5GB
**Internal HD Interface:**
**Original CD-ROM Speed:** 8 or 16
☒ **Supports Internal CD-ROM**

## HISTORY

The 3000-series was Motorola's entry-level Macompatible. Based on the Tanzania motherboard with a Power PC 603e CPU, these provide good performance at a lower price than the 604-based 4000-series. 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.

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