Apple Spec Database
System Fact Sheet

Power Macintosh 7300/166

SYSTEM

Introduced: February 1997
Discontinued: December 1997
Gestalt ID: 109
Form Factor: PM 7500
Weight (lbs.): 22
Dimensions (inches): 6.15 H x 14.37 W x 16.93 D
Codename: Montana
Oder Number:
KB Article #: 28008, 28009

This system is not sold in the U.S.

POWER

Max. Watts: 150
Amps: 3.00
BTU Per Hour: 513
Voltage Range: 100-130/200-270
Freq'y Range (Hz): 50-60
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: AAUI-15 &
Microphone Port Type: PlainTalk
☒ **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
70 ns	2x1MB	2MB VRAM	24	n/a	24	8	24	24	16	16	8
	4x1MB	4MB VRAM	24	n/a	24	8	24	24	24	24	16

[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, 166 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 50 MHz
L1 Cache: 64K
L2 Cache: 256K
Secondary Processor: opt. PC Compatbility Card
Slots: 3 PCI

MEMORY

Memory on Logic Board: none
Minimum RAM: 16 MB
Maximum RAM: 512 MB
RAM Slots: 8   168-pin
Minimum RAM Speed: 70 ns
RAM Sizes: 8, 16, 32, 64 MB
Install in Groups of: 1

128MB DIMMs can be used, but have not been tested. Two identical DIMMs installed in corresponding slots may result in increased performance.

SOFTWARE

☒ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: 7.5.5
Original Enabler: System Enabler 702

ROM ID: $077D
ROM Version: $34
ROM Size: 4MB
AppleTalk Version: 60.1.1

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: PlainTalk
Sound In: stereo, 16-bit
Sound Out: stereo, 16-bit
☐ **Built-in Microphone**

STORAGE

☒ **Supports Internal CD-ROM**

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 2GB
Internal HD Interface: SCSI
Original CD-ROM Speed: 12x

HISTORY

Introduced in Febrary 1997, The 7300 replaced both the 7200 and the 7600 in Apple's product line. Available in both 180 and 200 Mhz models (and 166Mhz in Japan and Europe), the 7300 ran on a single 604e processor. It lost the 7600's video input circuitry, but kept the removable daughtercard and the 7600's memory interleaving feature. (neither of which had been included in the 7200) The 180 Mhz model included 16 MB of RAM, and sold for $1,700. The 200 Mhz model included 32 MB of RAM, and sold for $2,300. The 7300 was discontinued in late 1997.

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