Apple Spec Database

System Fact Sheet

Xserve

Rack 'n Roll.

SYSTEM

Introduced: May 2002
Discontinued:
Gestalt ID:
Form Factor: Xserve
Weight (lbs.): 26
Dimensions (inches): 1.73 H x 19 W x 28 D

Codename: Thing 2
Oder Number: M8627LL/A
KB Article #:

POWER

Max. Watts: 400
Amps: 3.6
BTU Per Hour: 1368
Voltage Range: 90-264 V
Freq'y Range (Hz): 47-63
Battery Type:
☐ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 0
Video: VGA
Floppy: none
SCSI:
GeoPort Connectors:
Ethernet: 10/100/1000Base-T
Microphone Port Type:
☒ **Printer**   ☐ **Speaker**
☐ **Modem**   ☐ **Headphone**
☐ **Airport**   ☐ **Remote Control**

3-400Mbps FireWire ports

VIDEO

Built-in Display: *ATI PCI Graphics Card with 32MB DDR*

VRAM Speed: **VRAM Needed:**   **Video Configuration:**

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

[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.

Optional ATI RADEON 8500 AGP 4X graphics card with 64MB of DDR SDRAM, and DVI, VGA, and S-video connectors; dual display support using any two of the three; supports digital and analog resolutions up to 2048 by 1536 pixels

LOGIC BOARD

Main Processor: G4, 1/2 GHz
PMMU: integrated
FPU: integrated
Data Path: 128-bit, 133 MHz
L1 Cache:
L2 Cache: 256K
Secondary Processor: optional 1GHz G4
Slots: 2 PCI, 1 PCI/AGP, 2 Ethernet,

MEMORY

Memory on Logic Board: none
Minimum RAM: 256MB
Maximum RAM: 2GB
RAM Slots: 4   PC2100
Minimum RAM Speed: 10 ns
RAM Sizes: 128, 256, 512 MB
Install in Groups of: 1

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: OSX Server
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:
Sound Out:

☐ **Built-in Microphone**

STORAGE

☒ **Supports Internal CD-ROM**

Floppy Size:
Floppy Inject: manual
Internal HD Size: 60GB
Internal HD Interface: ATA
Original CD-ROM Speed: 24x

Four internal bays with independent 100MHz busses for up to 480GB of internal storage using hot-pluggable Apple Drive Modules.

HISTORY

Xserve is a designed-from-the-ground-up server-class workhorse with the core features and capabilities most requested by Network Administrators. The 1U (1.75-inch) Xserve comes with a choice of one or two 1GHz PowerPC G4 processors running at speeds of up to 15 gigaflops, 2MB of dedicated L3 cache memory per processor with up to 4GB/s throughput, two full-length 64-bit, 66MHz PCI slots for up to 533MB/s throughput, and up to 2GB of DDR SRAM. Plus four drive bays holding up to 480GB of internal disk space using hot-plug Apple Drive Modules, dual Gigabit Ethernet, and the complete suite of robust, standards-based network services in Mac OS X Server.

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