



System Fact Sheet

SYSTEM

Introduced: September 1996
Discontinued: April 1997
Gestalt ID: n/a
Form Factor: NW Server 700
Weight (lbs.): 84
Dimensions (inches): 24.5 H x 16.5 W x 18 D

Codename: Shiner HE
Order Number:
KB Article #: 19360, 19362

The weight of this configuration may vary.

POWER

Max. Watts: 425
Amps: 7.00
BTU Per Hour: 1453.5
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 3.6V lithium
 Soft Power
 Monitor Power Outlet

Supports optional redundant hot-pluggable power supplies.

PORTS

ADB: 1
Video: HDI-15
Floppy: none
SCSI: DB-25
GeoPort Connectors: none
Ethernet: AAUI-15
Microphone Port Type: PlainTalk
 Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

This system has two serial ports. However, they are not labelled "Printer" and "Modem".

VIDEO

Built-in Display: none

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
x384	x400	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024	
n/a	built in	1MB DRAM	n/a	n/a	8	n/a	8	n/a	8	n/a	n/a

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, 200 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 50 MHz
L1 Cache: 64K
L2 Cache: 1MB
Secondary Processor: none
Slots: 6 PCI

MEMORY

Memory on Logic Board: none
Minimum RAM: 48 MB
Maximum RAM: 512 MB
RAM Slots: 8 168-pin
Minimum RAM Speed: 60 ns
RAM Sizes: 8, 16, 32, 64 MB
Install in Groups of: 2

Supports parity memory.

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: AIX 4.1.4
Original Enabler: n/a

ROM ID: n/a
ROM Version: n/a
ROM Size: n/a
AppleTalk Version: n/a

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 checked="" 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 checked="" type="checkbox"/> A/UX 4.1.5 | <input type="checkbox"/> SOS 1.3 | <input type="checkbox"/> <1.0 | <input type="checkbox"/> |

Ships with AIX for Apple Network Servers.

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: 2x4GB
Internal HD Interface: SCSI
Original CD-ROM Speed: 8x

HISTORY

The Network Server 500/700 were unique in that they ran AIX (an IBM flavor of UNIX) and not the MacOS. They were Apple's attempt to enter the high-end server market (perhaps the only true servers Apple ever shipped), but sold poorly.