



# NETRA™ X1 SERVER

**The entry-level, rack-mount server that delivers exceptional performance, manageability, and price.**

The ideal entry point into the high-quality Sun™ server family, the compact, rack-ready, single-processor Sun Netra™ X1 server delivers the performance, manageability, and reliability companies look for in a SPARC™/Solaris™ system — at a breakthrough price point. Its small footprint and 1U form factor fits neatly into 19-inch rack configurations. It features an array of advanced management and maintenance features, including automatic server restart, lights-

out management, removable system configuration card, and visual indicators. What's more, it employs standard PC components, including PC memory and IDE disk drives, which reduces total cost of ownership and makes it an ideal system for redundant service deployment. Best of all, the Netra X1 server comes complete with processor, operating environment, and disk drives, so it goes from the box to the network in about 20 minutes.

## HIGHLIGHTS

- The ideal entry-level, general-purpose Sun server for small-to medium-size businesses, integrators, and service providers
- 64-bit, 400-MHz UltraSPARC™ processor for excellent uniprocessor performance
- 1U form factor and small footprint for convenient deployment in standard racks
- Low-cost system is ideal for horizontal scaling, resulting in higher availability
- Allows companies to leverage their Sun expertise for utility functions
- Provides a variety of advanced management and maintenance features, including lights-out management
- Comes complete with processor, operating environment, and disk drives; deploys in about 20 minutes

# NETRA X1 SERVER

Easy to install and even easier to manage, the compact, rack-ready Sun Netra X1 server delivers the high performance, manageability, and serviceability that high-quality Sun servers are known for—at a price that sets the standard for the industry.

## NETRA X1 SERVER SPECIFICATIONS

### PROCESSOR

Architecture	Superscalar SPARC Version 9, 400-MHz UltraSPARC-IIe, single processor
Cache	16-KB data and 16-KB instruction on chip Secondary: 256 KB

### MAIN MEMORY

PC133 Registered DIMMs  
1 GB maximum

### STANDARD INTERFACES

Network	Dual Ethernet/Fast Ethernet, STP (10-BaseT and 100-BaseT)
Serial	Two RS-232C/RS-423 serial ports (RJ45)
USB	Two USB1.0 ports
System configuration reader and card	Rear-accessible for transfer of system configuration information, including host ID

### MASS STORAGE AND MEDIA

Internal disk	Up to two 20-GB IDE
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### SOFTWARE

Operating environment	Solaris 8 Operating Environment
Programming tools	4/97 Solaris NEO™ 2.0, OpenStep 1.0
Languages	Java™; all other standard Sun-supported languages
Networking	ONC™, NFS™, TCP/IP
Management	Sun™ Management Console, SNMP, SunVTS™, SRS Ready

### ENVIRONMENT

AC power	90–264 V AC 47–63Hz
Operating	5° C to 35° C (41° F to 95° F) 10% to 90% relative humidity, noncondensing, subject to a maximum absolute humidity of 0.024 kg water/kg dry air; 27° C (80° F) maximum wet bulb
Nonoperating	-40° C to 65° C (-40° F to 149° F) 93% relative humidity, noncondensing; 38° C (100° F) maximum wet bulb
Elevation	Operating: To +3000 m
Acoustic noise	6.0Bels maximum sound power at idle

### REGULATIONS

Meets or exceeds the following requirements:

Safety	UL 1950, EN 60950
Emissions	EN 55022 Class A, FCC Class A
Immunity	EN 55025

### DIMENSIONS AND WEIGHT

Chassis	
Height	43.6 mm (1.7 in.)
Width	436.7 mm (17.2 in.)
Depth	330.0 mm (13.0 in.)
Weight	6.0 kg (13.2 lb.)
Shipping weight	10.0 kg (22.0 lb.)
Enclosure	Fits 19-in. racks

[www.sun.com/netra](http://www.sun.com/netra)

Purchase these products from the Sun™ Store, [sun.com/store](http://sun.com/store) or contact an authorized Sun reseller near you.

## NETRA SERVER FAMILY

Netra t 1120/1125



Netra t 1400/1405



Netra T1 AC200



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