



# Netra™ 240 Server Release Notes

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Sun Microsystems, Inc.  
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# Contents

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<b>Netra 240 Server Release Notes</b>	<b>1</b>
Shipping Kit Contents	1
Obtaining Product Part Numbers	2
Installing the Software Patches Located on the Server	2
Firmware and Software Versions	2
Known Issues	3
Advanced Lights Out Manager (ALOM) Software Support	4
Documentation Corrections	4
Rackmount Kit Order Number	4
Location of Alarm Port	5
SunVTS Software Support	5
Additional Software Test for Version 5.1 PS10	5
Technical Support	6
Returning a Server to Sun Services	6



# Netra 240 Server Release Notes

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The *Netra 240 Server Release Notes* contain important and late-breaking information about the Netra™ 240 server. This document contains the following sections:

- [“Shipping Kit Contents” on page 1](#)
- [“Obtaining Product Part Numbers” on page 2](#)
- [“Installing the Software Patches Located on the Server” on page 2](#)
- [“Firmware and Software Versions” on page 2](#)
- [“Known Issues” on page 3](#)
- [“Advanced Lights Out Manager \(ALOM\) Software Support” on page 4](#)
- [“Documentation Corrections” on page 4](#)
- [“SunVTS Software Support” on page 5](#)
- [“Technical Support” on page 6](#)
- [“Returning a Server to Sun Services” on page 6](#)

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## Shipping Kit Contents

The shipping kit might contain different items than those described on the packing list. For example, to promote eco-responsibility, the kit might no longer contain the RJ-45 Ethernet cable, the antistatic wriststrap, or other ancillary items. Alternatively, serial adapters, fasteners, or other items not listed on the packing list might be included to enhance the customer experience. Contact Sun Microsystems, Inc. to purchase the items you need. These ancillary items also might be available at computer supply stores.

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## Obtaining Product Part Numbers

The part numbers for the various components of the Netra 240 server are no longer listed in the product documentation. For the latest part numbers for this product, including new RoHS-compliant part numbers, refer to Product Change Notification (PCN) documents or contact your Sun Sales Representative for assistance.

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## Installing the Software Patches Located on the Server

The Solaris™ 10 Operating System (Solaris OS) comes preinstalled on the Netra 240 1.5 GHz server. No patches are required for this version of the OS.

The Solaris 8 7/03 OS is also supported on the Netra 240 server and comes preinstalled on the Netra 240 1.28 GHz server.

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**Note** – Visit the [www.sun.com](http://www.sun.com) Web site for information about ordering and installing the Solaris 8 7/03 OS and its necessary patches.

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## Firmware and Software Versions

The following firmware and software are supported on this release of the Netra 240 server:

- OpenBoot™ PROM (OBP) 4.18.x firmware
- Advanced Lights Out Manager (ALOM) 1.5.x software
- Java™ Enterprise Systems (JES) 3.0 software

## ■ Solaris 10 Operating System (OS)

**TABLE 1** Solaris OS Versions Supported on the Netra 240 Server

Solaris OS Version	Comments
Solaris 7 OS	No versions of the Solaris 7 OS are supported for use on Netra 240 servers
Solaris 8 OS	The Solaris 8 7/03 OS is the only version of the Solaris 8 OS supported for use on Netra 240 servers
Solaris 9 OS	The Solaris 9 4/04 OS and later versions of the Solaris 9 OS are supported for use on Netra 240 servers
Solaris 10 OS	All versions and updates of the Solaris 10 OS starting with Solaris 10 3/05 are supported for use on Netra 240 servers

**Note** – OBP 4.16.x and later enables the use of mixed memory speeds; however, mixed memory speeds are not supported with OBP versions 4.10 through 4.15.

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## Known Issues

Following are the known issues with the latest release of the Netra 240 server hardware and software.

**TABLE 2** Known Issues

Bug ID	Problem	Workaround
4907693	You see the following message in the server's console and in the <code>/var/adm/messages</code> file: <code>SC Request to XIR Host due to Watchdog.</code>	Install the 109793 patch, which updates the <code>su</code> driver and stops these messages from being displayed and logged. You can download this patch from the SunSolve web site: <a href="http://www.sun.com/sunsolve">http://www.sun.com/sunsolve</a> Refer to the SunSolve web site for patch downloading and installation instructions.

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# Advanced Lights Out Manager (ALOM) Software Support

Advanced Lights Out Manager (ALOM) software is supported for use on Netra 240 servers. The following changes apply to the information in the *Advanced Lights Out Manager Software User's Guide for the Netra 240 Server* (817-3174-11).

**TABLE 3** Updates to Existing *Advanced Lights Out Manager Software User's Guide for the Netra 240 Server*

Location of Change	Description of Change
Page 2	Fans entry now reads, "whether a fan is present, fan speed, and whether the fans report OK status."
Page 2	A new entry at bottom of table reads, "Alarm port: Status of the alarm port."
Page 16	"Powering On Your Host Server," second paragraph now begins, "As soon as power is applied to the host."
Page 118	Add the following text below Table 5-12, "If you specify a value that has more than five digits, the timeout will be set to 0."
Page 129	Add the following text below Table 5-20, "If you specify a value that has more than five digits, the timeout will be set to 0."

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## Documentation Corrections

The following corrections apply to the Netra 240 documentation set.

### Rackmount Kit Order Number

The order number listed in the *Netra 240 Server Rackmount Kit Installation Instructions* (#817-4101-10) for the 19-inch 2-post rackmount kit is incorrect. The order number should be X8099A.



## Location of Alarm Port

The *Netra 240 Server Installation Guide* and *Netra 240 Server Service Manual* incorrectly state that the alarm port is located on the alarm rear transition card; the alarm port is actually located on the rear of the server.

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## SunVTS Software Support

The SunVTS™ software, the Sun Validation Test Suite, is an online diagnostics tool for verifying the configuration and functionality of hardware controllers, devices, and platforms. Before you can check the functionality of the Netra 240 server, you must first install and update the SunVTS software.

- **Download and install the SunVTS 5.1 PS5 (or later) software packages.**

You can download the SunVTS 5.1 software packages from the Sun OEM Software web site: <http://www.sun.com/oem/products/vts/>

Refer to the Sun OEM Software web site and the SunVTS documentation for installation instructions.

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**Note** – If your system uses the 8x DVD+/-RW drive, you must install SunVTS 5.1 PS10 software to enable testing of the +R and +RW functions. SunVTS software versions PS5–PS9 support only the testing of -R and -RW functions.

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After installing the SunVTS software, you can use the SunVTS software to evaluate your server. Refer to the *Netra 240 Server System Administration Guide* (817-2700-xx) and the SunVTS documentation for information about using the SunVTS software.

## Additional Software Test for Version 5.1 PS10

With the use of the SunVTS 5.1 PS10 software, the following additional software test is performed and should be added to the *Netra 240 Server System Administrators Guide* (#817-2700-12), Table 2-1 “SunVTS Software Tests,” below the dvdtest entry.

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SunVTS Software Test	Description
cddvdwrtest	Tests the CD/DVD+/-RW drive

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# Technical Support

If you have any technical questions or issues that are not addressed in the Netra 240 server documentation, contact your local Sun Services representative. For customers in the U.S. or Canada, call 1-800-USA-4SUN (1-800-872-4786). For customers in the rest of the world, find the World Wide Solution Center nearest you by visiting the web site: <http://www.sun.com/service/contacting/solution.html>

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# Returning a Server to Sun Services

You *must* get Return Material Authorization (RMA) numbers from Sun Services or the World Wide Solution Center for each part you intend to return.

Sun Services will give you specific details on the return procedure for your geographic area. In addition, follow these guidelines in packaging the hardware and addressing the package:

- Take antistatic precautions while handling the board:
  - Handle the server only by the nonconducting edges.
  - Do not touch the components or any metal parts.
  - Always wear a antistatic wrist strap when handling the server and be sure the wrist strap is connected to ground.
- Use the original or equivalent packaging material to return the failed part.
- Ensure the RMA number is on the box containing the part. On the outermost box, write the RMA number, the part number of its primary contents, the destination address, and the source address. International shipments also need the Sun Enterprise Services shipping number to expedite handling in U.S. customs.