

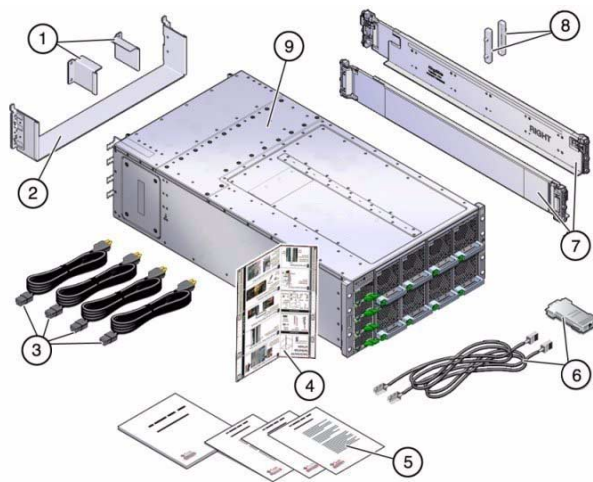
# Sun Server X4-8 Getting Started Guide

Before performing the procedures in this guide, review the Sun Server X4-8 documentation at:

<http://www.oracle.com/goto/X4-8/docs>

This document describes the basic steps to install your Oracle server. The *Sun Server X4-8 Installation Guide* contains detailed installation information. A list of available documentation is in “Product Documentation” on page 6.

## Review the Ship Kit Inventory




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1	Back mounting brackets
2	Shipping bracket (optional)
3	Power supply connectors (4)
4	Rack Mount Guide and Template
5	Printed documents
6	RJ-45 to DB-9 crossover adapter
7	Shelf rails
8	Shelf spacers
9	Server

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## Install Optional Components

Optional components for your server might be packaged and shipped separately. If applicable, install optional components such as DIMMs or storage drives before mounting the server in a rack.

For a complete list of optional components, see:

<http://www.oracle.com/goto/X4-8>

Refer to the *Sun Server X4-8 Service Manual* for installation procedures for optional components.

## Mount the Server Into a Rack

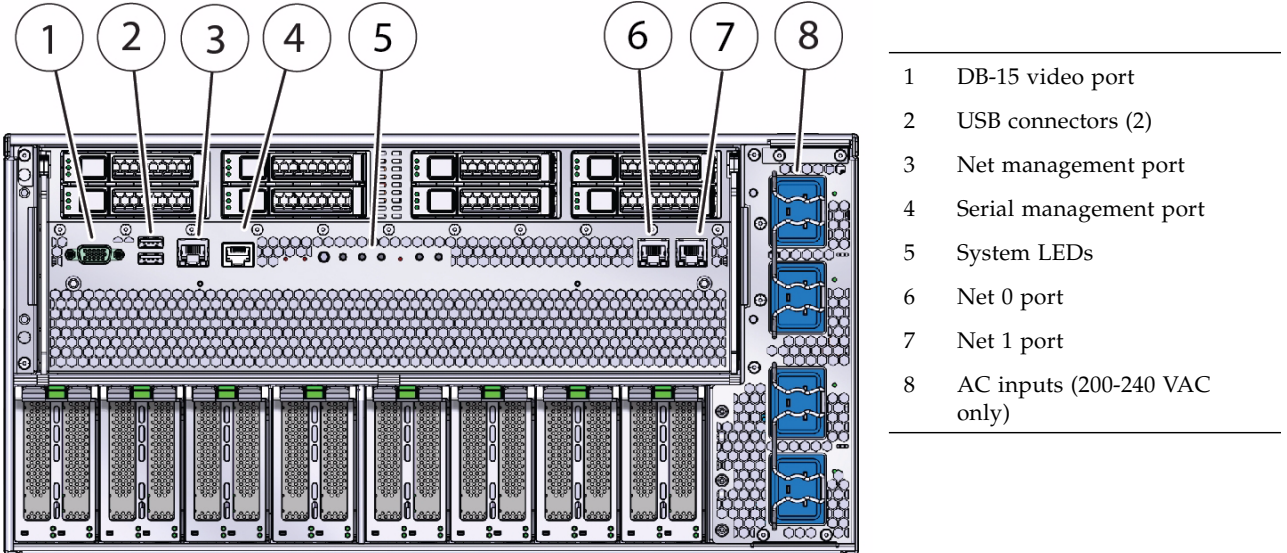
For rackmounting instructions, refer to the Rack Mount Guide and Template shipped with the server and the *Sun Server X4-8 Installation Guide*.

## Connect the Cables and Power Cords

This procedure contains instructions for cabling the server and using Oracle System Assistant to set up and configure your server. Alternatively, you can use Oracle Integrated Lights Out Manager (ILOM) for some server setup and configuration tasks. For instructions, refer to the *Oracle ILOM Documentation Collection*.

For more information about Oracle System Assistant and Oracle ILOM, see “[System Management](#)” on page 5.

1. To cable the server for local connection to Oracle System Assistant, connect the following to the back panel of the server:
  - a. A USB keyboard to a USB connector.
  - b. A USB mouse to the USB connectors.
  - c. A VGA monitor to the VGA port.
  - d. For network access, connect an Ethernet cable between the server’s NET ports (Net 0 or Net 1) on the back panel of the server and the network.



2. Connect the power cords to the four AC inlets and to separate power sources.

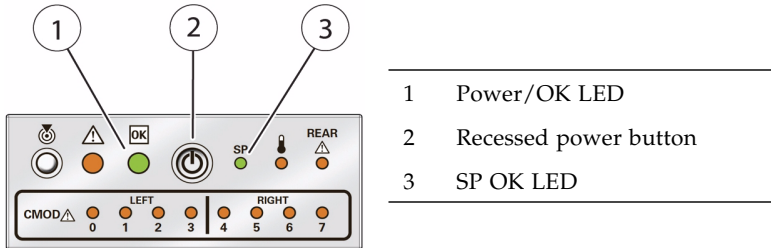
When the power cords are connected, the following occurs:

- a. The power supply LEDs light and the SP OK LED blink rapidly as the SP boots.
- b. The SP OK LED lights solid green once the SP has booted.

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- c. After the SP has booted, the Power/OK LED blinks slowly, indicating that the host is in standby power mode.

In standby power mode, the server is not yet initialized or powered on.

The following illustration shows the power button and LEDs.



3. Continue setting up software and firmware. See “Set Up the System Using Oracle System Assistant” on page 3.

If you are deploying multiple servers, use Oracle Enterprise Manager Ops Center. See:

[http://docs.oracle.com/cd/E27363\\_01/index.htm](http://docs.oracle.com/cd/E27363_01/index.htm)

## Set Up the System Using Oracle System Assistant

Oracle System Assistant is installed on a USB drive inside your server unless you chose a non-standard configuration.

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**Note** – This procedure provides instructions for accessing the server locally. You can also access Oracle System Assistant using the Oracle ILOM Remote Console. For instructions on accessing Oracle System Assistant remotely and further information on setting up the server using Oracle System Assistant, refer to the *Oracle X4 Series Servers Administration Guide*.

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Before you begin: Follow the previous instructions in this guide.

### 1. Launch Oracle System Assistant.

- a. Press the front panel Power button to power on the server to full power mode.

The server boots, and power-on self-test (POST) and BIOS boot messages appear on the monitor.

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**Note** – Be attentive: You need to interrupt the boot process.

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- b. When prompted in the initial BIOS screen, press the F9 key.

The Oracle System Assistant application boots and the System Overview screen appears, showing system information, and task buttons in the left panel.



## 2. Perform the following set up tasks in order:

Click this	To do this
Configure Network	Set up the server network connection.
Get Updates	Download the latest server firmware and software.
Update Firmware	Update the Oracle ILOM, BIOS, disk expander, or host bus adapter (HBA) firmware on the server.
Configure Hardware > Service Processor Configuration	Configure Oracle ILOM.
Configure Hardware > RAID Configuration	Configure RAID (Note: Do not perform this step if the server has a preinstalled operating system.)

## 3. Do one of the following:

- If your system has a preinstalled operating system, see the *Sun Server X4-8 Installation Guide* for information on how to configure the preinstalled operating system.
- If your system does not have a preinstalled operating system, see the following table for additional information.

OS Setup Option	Refer To:
Install Oracle Solaris, Oracle VM, Linux, or Windows.	Use Oracle System Assistant (recommended) as it automatically installs supported drivers, or refer to the installation guide for the OS.
Install VMware ESXi software.	<i>Sun Server X4-8 Installation Guide for ESXi Software.</i>
Install supported OS drivers.	If you did not use Oracle System Assistant to install the OS, refer to the installation guide for the OS.

If you do not have access to Oracle System Assistant to install drivers, you can download the latest Sun Server X4-8 software release from the My Oracle Support website at: <http://support.oracle.com>.

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## System Management

Available single server system management options include:

- Oracle System Assistant is primarily intended for setting up an the server, installing the operating system, and updating firmware.
- Oracle Integrated Lights Out Manager (ILOM) is the service processor embedded on the Sun Server X4-8. Oracle ILOM supports full out-of-band management with remote management capability.
- Oracle Hardware Management Pack provides cross-platform components to help you manage and configure your server at the operating system level.

For more information, see:

<http://www.oracle.com/goto/system-management>

## Oracle Support

Oracle customers can access electronic support through My Oracle Support at <http://support.oracle.com>. For detailed information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or if you are hearing impaired, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs>.

You need the server serial number when requesting service or technical support. You can find the system serial number:

- On the bottom left of the bezel on the front of the system.
- On the Customer Information Sheet that is shipped with the system.
- You can also view the serial number using Oracle ILOM or Oracle System Assistant.  
See the *Oracle X4 Series Servers Administration Guide* for more information.

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# Product Documentation

Refer To:	Information
<i>Sun Server X4-8 Safety and Compliance Guide</i>	Online document.
<i>Important Safety Information for Oracle's Hardware Systems</i>	Included in the system accessory kit.
<i>Sun Server X4-8 Product Notes</i>	Supported software and hardware, and known server issues.
<i>Sun Server X4-8 Installation Guide</i>	How to install hardware, cable and power on the server, connect to the service processor (SP), launch Oracle System Assistant, and configure network settings.
Sun Server X4-8 operating system installation guides	How to install a supported operating system, including Oracle Solaris, Oracle VM, Oracle Linux and other Linux systems, Windows, and VMware ESXi.
<i>Sun Server X4-8 Service Manual</i>	How to install optional components, remove and replace hardware components, and troubleshoot server problems.
<i>Oracle x86 Administration Guide for X4 Series Servers</i>	Software methods to set up the server using Oracle System Assistant, Oracle ILOM, and Oracle Hardware Management Pack. Oracle recommends using Oracle System Assistant to set up the server. You can also use Oracle ILOM and Oracle Hardware Management Pack for some setup tasks.
Oracle Integrated Lights Out Manager (ILOM) Documentation Collection	Oracle ILOM features and how to perform server configuration, monitoring, and administration tasks using Oracle ILOM. Refer to: <a href="http://www.oracle.com/goto/ILOM/docs">http://www.oracle.com/goto/ILOM/docs</a>

## Feedback

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