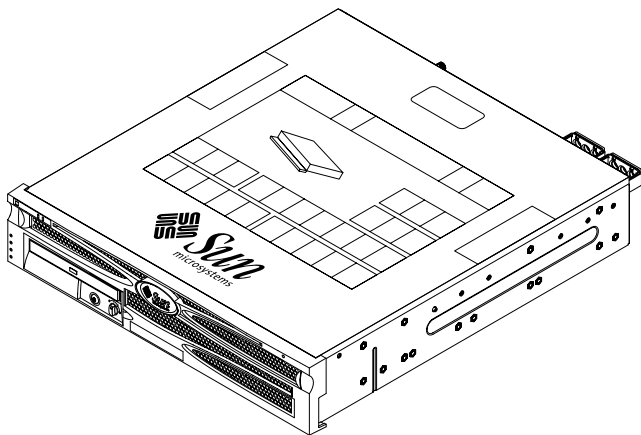# Netra™ 240 Server Quick Start Guide

Introduction

This guide presents an overview of the Netra™ 240 server installation.

For complete installation instructions, refer to the *Netra 240 Server Installation Guide.*
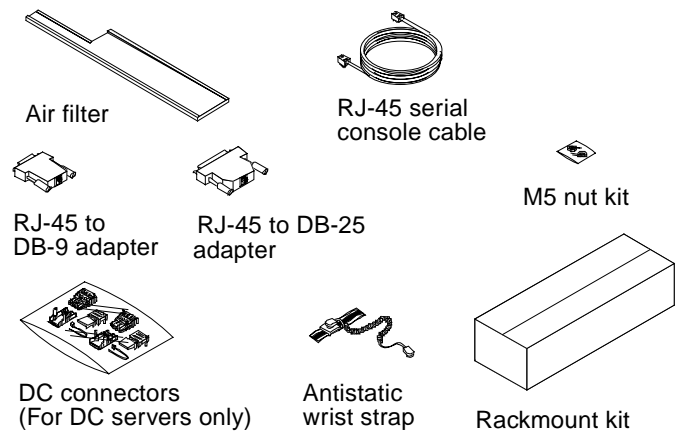
Documentation

You can view, print, or download manuals from the Sun™ documentation web site:
http://www.sun.com/documentation

- *Netra 240 Server Release Notes* *(*817-3142-xx)

  Latest product updates

- *Netra 240 Server Installation Guide* (817-2698-xx)

  Detailed rackmounting, cabling, power-on, and configuring information

- *Netra 240 Server Service Manual* *(*817-2699-xx)

  Service information

- *Netra 240 Server System Administration Guide* *(*817-2700-xx)

  Administration and diagnostics details

- *Sun Advanced Lights Out Manager User's Guide for the Netra 240 Server (*817-3174-xx)

  Advanced Lights Out Manager (ALOM) software information

- *Netra 240 Server Safety and Compliance Manual* *(*817-3511-xx)

  Essential safety and compliance information

Shipment Contents

Besides the server (shown on the left), the shipment contains:

Air filter

RJ-45 serial console cable

M5 nut kit

RJ-45 to DB-9 adapter

RJ-45 to DB-25 adapter

DC connectors (For DC servers only)

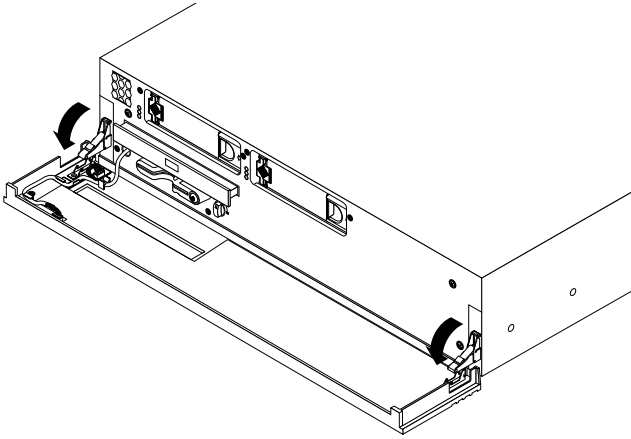Antistatic wrist strap

Rackmount kit

The shipment also contains these documents: *Important Safety Information for Sun Hardware* (817-7190-xx), *Sun Netra 240 Server Product Documentation* (817-2697-xx), *Binary Code Licenses* (817-2380-xx), and this guide.

Note – The DC connectors are for the DC-powered servers only. Use the separately ordered AC cables with the AC-powered server.
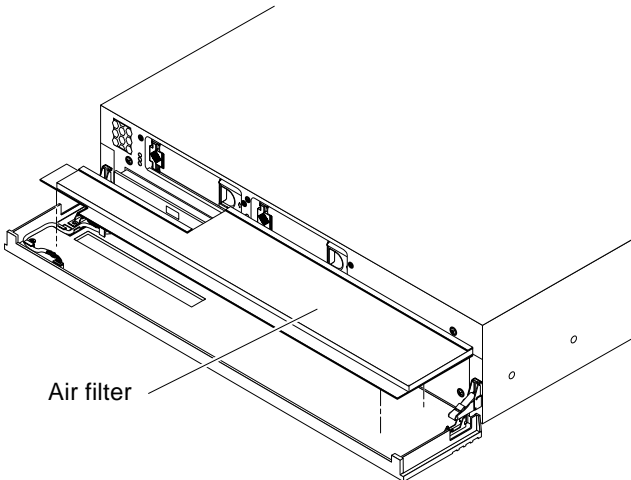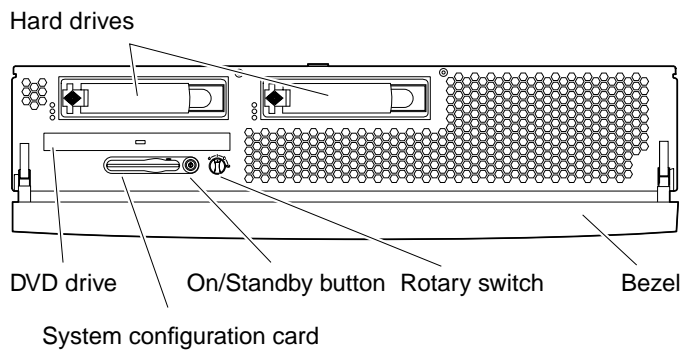
1. Install Air Filter

1. Lower the front bezel.

2. Remove the protective shipping insert and install the supplied air filter in the bezel.

Air filter

3. View the components accessible from the front panel.

Hard drives

DVD drive   On/Standby button   Rotary switch   Bezel

System configuration card

4. Close the front bezel.

2. Mount Server to Rack

> ⚠ **Caution –** If you install the server incorrectly, it might become detached from the rack. The following steps present an overview of the rackmount installation. For the complete installation instructions, refer to the *Netra 240 Server Installation Guide.*

For this procedure, you need a No. 2 Phillips screwdriver and eight screws designed for your rack.
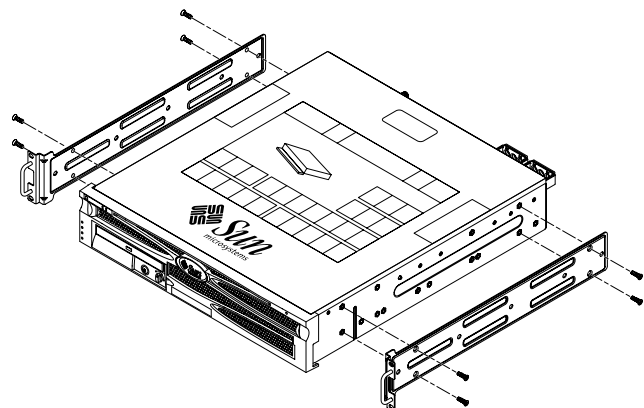
1. Open and view the contents of the rackmount kit.
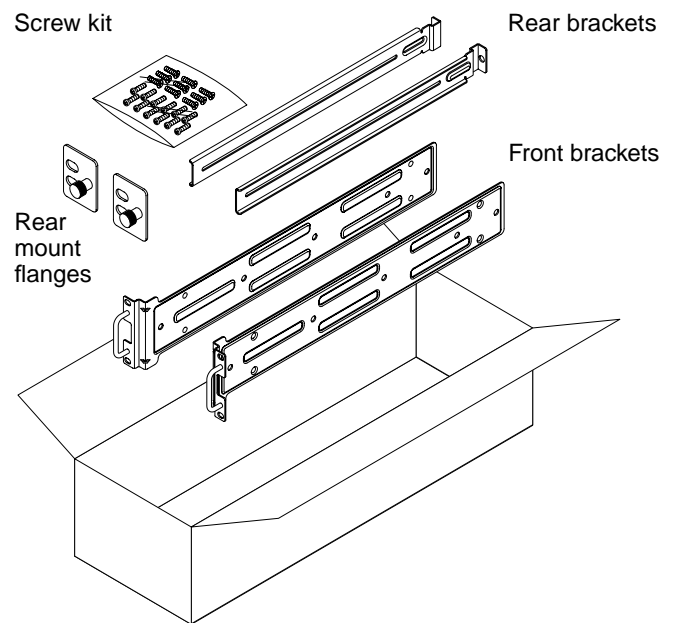
Screw kit   Rear brackets
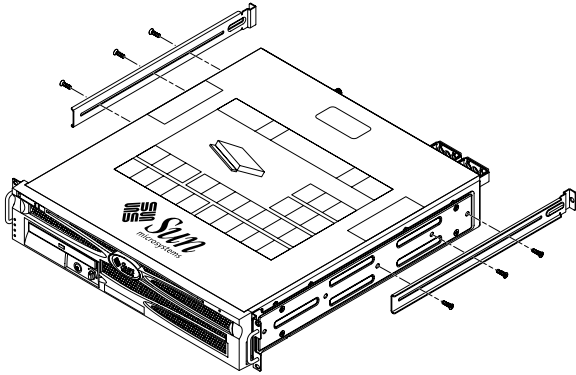
Front brackets

Rear
mount
flanges

2. Attach the front brackets to server.
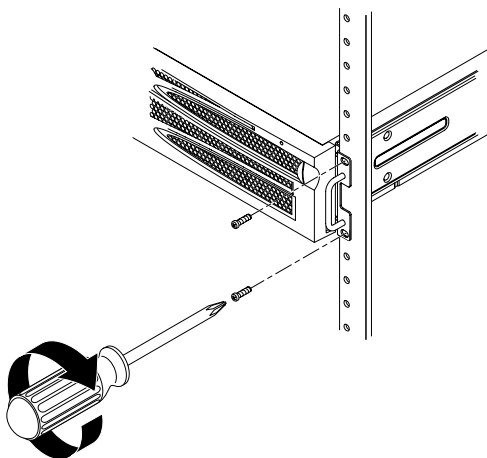Use eight supplied M5 Phillips flathead screws.

3. **Attach the rear brackets to the server and extend them to the depth of your rack.**

Use four or six supplied M4 Phillips panhead screws, depending on the rack depth.
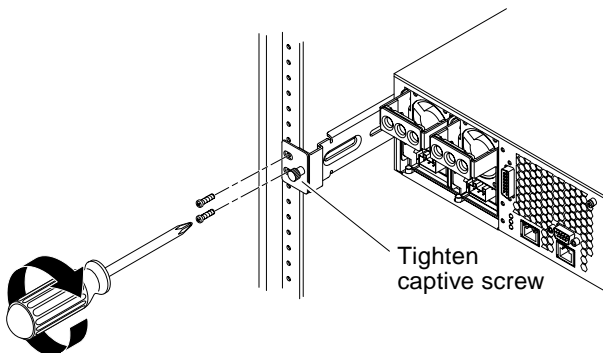

4. **Secure the front brackets to rack.**

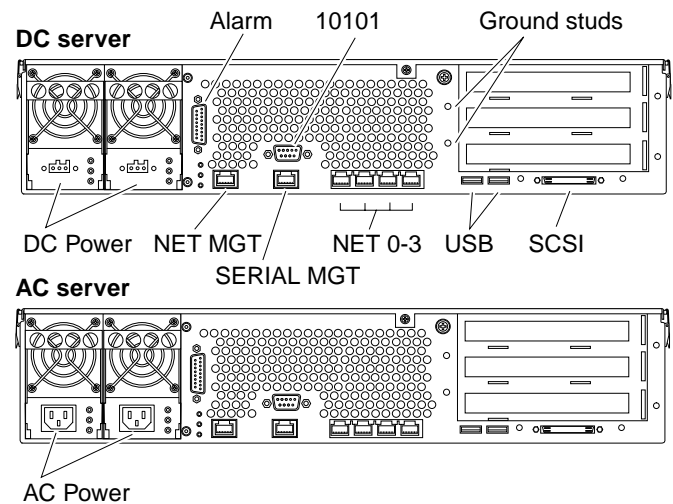Size of screws varies, depending on your rack.

5. **Secure rear brackets and rear mount flanges to rack.**

Size of screws varies, depending on your rack.

Tighten captive screw

Note – For complete instructions on mounting the server in a rack, refer to the *Netra 240 Server Installation Guide.*

3. Attach Cables

DC server

Alarm · 10101 · Ground studs

DC Power · NET MGT · SERIAL MGT · NET 0-3 · USB · SCSI

AC server

AC Power

Note – Refer to the *Netra 240 Server Installation Guide* for complete cabling instructions and power specifications.

Alarm

DB-15 connector; use this port to connect to the central office alarming system.

10101

DB-9 connector; use this port for general purpose serial data transfer.

Ground Studs

Connect to protected earth ground.

DC Power (DC Server Only)

Assemble the DC connectors and connect to the DC power source.

AC Power (AC Server Only)

Connect the AC power cords to the AC power source.

NET MGT

RJ-45 connector; use this port for making an Ethernet connection to the ALOM software.

SERIAL MGT

RJ-45 connector; use this serial port for server management using the ALOM software. If needed, use the supplied RJ-45 to DB-9 or RJ-45 to DB-25 adapters.

NET 0-3 (Ethernet)

RJ-45 connectors; use these ports to connect to autonegotiating 10/100/1000BASE-T Ethernet networks.

USB

Use these ports to connect to external USB devices.

SCSI

Ultra160 LVD SCSI connector; use this port to connect to external SCSI devices.

4. Power On Server

Note – The server goes into Standby mode as soon as the power cables are connected to the power source.

1. **Make sure the rotary switch is in the Normal (|) position before powering on the server.**
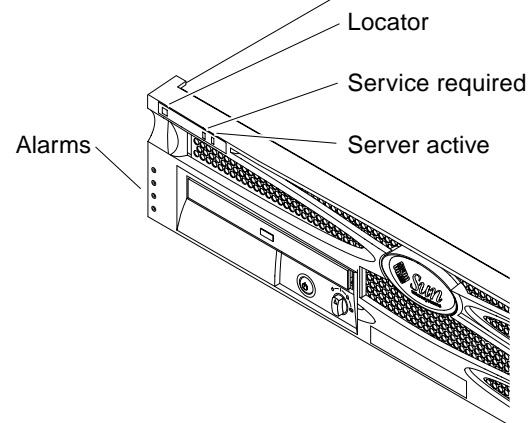

Forced standby   Normal   Locked

Diagnostics
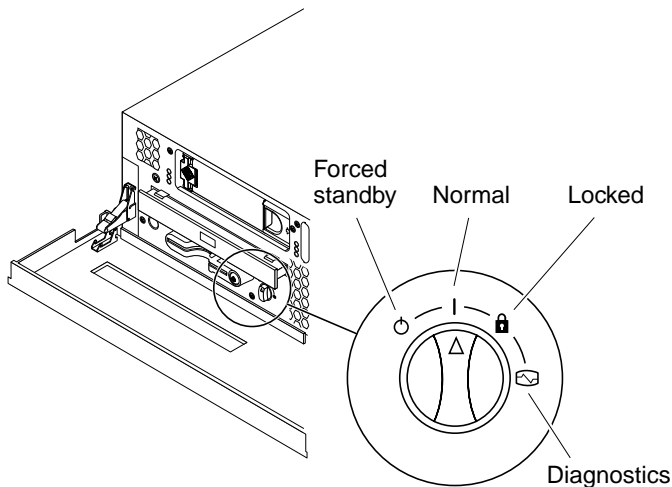
2. **Set up a console connection to the server using the server's SERIAL MGT port.**

   Refer to the *Netra 240 Server Installation Manual* for complete instructions.

3. **Power on server either from the keyboard or by pressing the On/Standby button at the front of the server.**

Note – Refer to the *Netra 240 Server Installation Manual* for complete power on and configuration instructions.

Indicator Overview

Front Panel Indicators

Locator

Service required

Server active

Alarms

Rear Panel Indicators

Power supply indicators

Server status indicators

Network link indicators
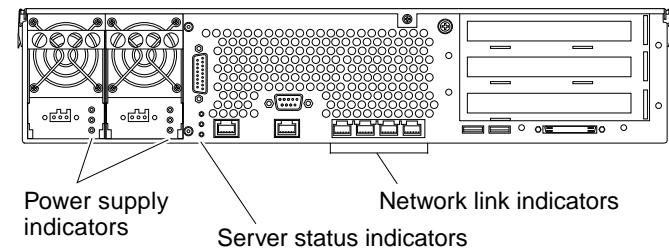
The power supply indicator locations are the same for both the AC and DC servers.

Note – Refer to the *Netra 240 Server Installation Manual* for the description of these indicators.