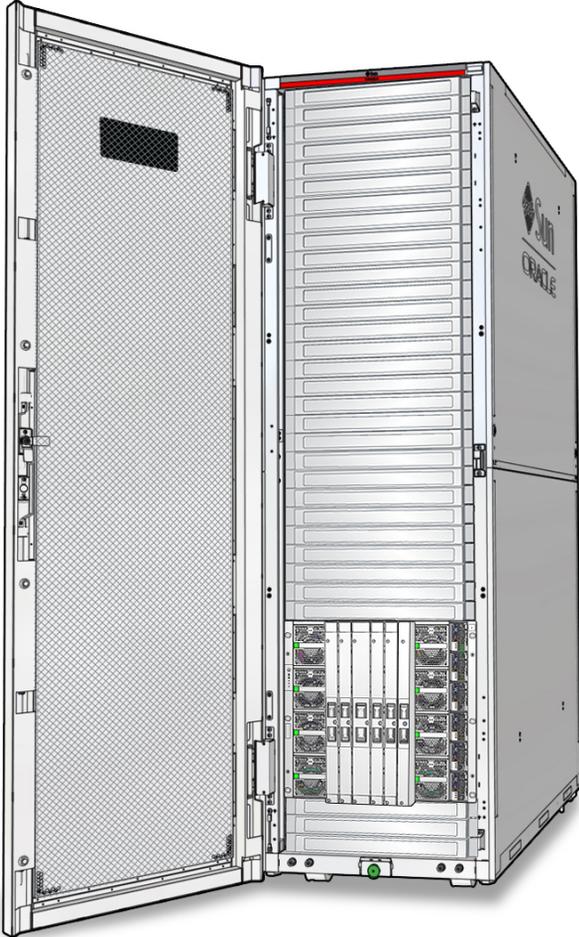


SPARC M8-8 and SPARC M7-8 Servers Getting Started Guide

This guide identifies where you can access the online documentation and summarizes the tasks required to install Oracle's SPARC M8-8 and SPARC M7-8 servers.



Accessing Documentation

Refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for detailed site planning and installation instructions, and refer to the *SPARC M8 and SPARC M7 Servers Product Notes* for any late-breaking issues that impact installation. The installation guide, product notes, and the rest of the server documentation are located at:

- <http://www.oracle.com/goto/m8/docs>
- <http://www.oracle.com/goto/m7/docs>

This web site also includes links to documentation for the software and firmware used with the server.

The server includes the following printed documentation:

- *Server Rackmount Guide*
- *Getting Started Guide* (this document)
- *Important Safety Information for Oracle's Hardware Systems*
- License and entitlement documents for the preinstalled software and firmware

Rackmounted and Stand-Alone Servers

You can order a server either factory-installed in an Oracle rack (*rackmounted*) or *stand-alone*.

- If you ordered a rackmounted server, see “[Rackmounted Server Installation Task Overview](#)” on page 2 for the installation tasks.
- If you ordered a stand-alone server, see “[Stand-Alone Server Installation Task Overview](#)” on page 3 for the installation tasks.

While this guide summarizes the major tasks required to install both rackmounted and stand-alone servers, refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for the complete installation instructions.

Rackmounted Server Installation Task Overview

Except where noted, refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for instructions on performing the following site planning and installation tasks.

1. Refer to the *Important Safety Information for Oracle's Hardware Systems* and the *SPARC M8-8 and SPARC M7-8 Servers Safety and Compliance Guide* to review the important safety and compliance information.
2. Refer to the *SPARC M8 and SPARC M7 Servers Security Guide* to understand the security issues relevant to installing and operating the server.
3. Refer to the *SPARC M8 and SPARC M7 Servers Product Notes* to review any known issues, workarounds, and late-breaking news about the server and its software.
4. Confirm that the installation site meets all power source, cooling, and physical space requirements.
5. Prepare the required network addresses.
6. Assemble the required tools and take electrostatic discharge (ESD) and safety precautions.
7. Prepare the receiving area and access route to the installation site.

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8. Unpack the server from its shipping container by following the instructions that came with the server.
 9. Move and secure the server at the installation site.
 10. Install any optional components, such as PCIe cards, into the server.
Refer to the *SPARC M8 and SPARC M7 Servers Service Manual* for specific instructions.
 11. Confirm that the facility power grids that will supply power to the server have circuit breakers and that those circuit breakers are set to off.
 12. Confirm that the power distribution unit (PDU) circuit breakers are set to off.
 13. Connect and manage all PDU power cords and data cables to the server.
 14. Connect serial cables between terminal devices and the SER MGT 0 ports on the two service processors (SPs).
 15. Connect network cables between your network and the NET MGT 0 ports on the two SPs.
 16. Switch on the facility power grid circuit breakers and the PDU circuit breakers to supply standby power to the server.
 17. Use Oracle Integrated Lights Out Manager (ILOM) commands to log in to the active SP through a serial connection.
 18. Configure the SP network addresses and other SP settings using Oracle ILOM commands.
 19. Power on the server using Oracle ILOM commands.
 20. Either set up the preinstalled Oracle Solaris OS and software, or install the Oracle Solaris OS and software on an external storage device.

Refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for more information.

Stand-Alone Server Installation Task Overview

Except where noted, refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for instructions on performing the following site planning and installation tasks.

1. Refer to the *Important Safety Information for Oracle's Hardware Systems* and the *SPARC M8-8 and SPARC M7-8 Server Safety and Compliance Guide* to review the important safety and compliance information.
2. Refer to the *SPARC M8 and SPARC M7 Servers Security Guide* to understand the security issues relevant to installing and operating the server.
3. Refer to the *SPARC M8 and SPARC M7 Servers Product Notes* to review any known issues, workarounds, and late-breaking news about the server and its software.
4. Confirm that the installation site meets all power source, cooling, and physical space requirements.
5. Confirm that your rack is compatible with the server.
6. Prepare the required network addresses.
7. Assemble the required tools and take electrostatic discharge (ESD) and safety precautions.
8. Unpack the server from its shipping container.
9. Install the stand-alone server in your rack.

Refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* and the *Server Rackmount Guide* for instructions.

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10. Install any optional components, such as PCIe cards, into the server.
Refer to the *SPARC M8 and SPARC M7 Servers Service Manual* for specific instructions.
 11. Route, but do not connect, the server AC power cords within the rack.
 12. Connect serial cables between terminal devices and the SER MGT 0 ports on the two service processors (SPs).
 13. Connect network cables between your network and the NET MGT 0 ports on the two SPs.
 14. Connect the AC power cords to the server and to your facility's AC power source.
 15. Use Oracle Integrated Lights Out Manager (ILOM) commands to log in to the active SP through a serial connection.
 16. Configure the SP network addresses and other SP settings using Oracle ILOM commands.
 17. Power on the server using Oracle ILOM commands.
 18. Either set up the preinstalled Oracle Solaris OS and software, or install the Oracle Solaris OS and software on an external storage device.

Refer to the *SPARC M8 and SPARC M7 Servers Installation Guide* for more information.

Post-Installation Tasks

After installing and powering on the server for the first time, refer to the following documents for additional administration and configuration tasks. These documents and links are available online at:

- <http://www.oracle.com/goto/m8/docs>
- <http://www.oracle.com/goto/m7/docs>

No.	Task	Document or Link
1.	Check for the latest software updates and firmware versions. Note - Some server features are enabled only when certain versions of patches or firmware are installed. Install the latest available versions for the best performance, security, and stability.	<i>SPARC M8 and SPARC M7 Servers Product Notes</i> https://support.oracle.com/
2.	Perform additional setup and configuration tasks required for your operating environment and applications.	<i>SPARC M8 and SPARC M7 Servers Administration Guide</i>
3.	Consider using Oracle virtualization software. Oracle VM Server for SPARC is a virtualization feature that provides the ability to create logical discrete groupings called logical domains. Each logical domain has its own OS, resources, and identity within a single computer system. You can run a variety of applications in different logical domains and keep them independent for performance and security purposes.	https://docs.oracle.com/en/virtualization/
4.	Consider using data center management software. Oracle Enterprise Manager Ops Center is a data center management tool that provides many features, including a comprehensive configuration solution for software provisioning, hardware fault analysis, and performance management.	http://docs.oracle.com/en/enterprise-manager/
5.	If necessary, troubleshoot and isolate server hardware problems.	<i>SPARC M8 and SPARC M7 Servers Service Manual</i>



Product Documentation Library

Documentation and resources for this product and related products are available at <http://www.oracle.com/goto/m8/docs> and <http://www.oracle.com/goto/m7/docs>.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program web site at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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Part No: E55221-03

Mfg. No: 7350681

September 2017

