



Asus DS300f Quick Start Manual

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ASUS Storage

DS300j

Quick Start Guide

Version 1.0

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Summary of Contents for Asus DS300f

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[Page 2](#) ASUS Storage DS300j Task List • Task 1: Unpacking the ASUS Storage (page 2) • Task 2: Mounting ASUS Storage in a Rack (page 4) • Task 3: Installing Disk Drives (page 7) • Task 4: Making Data and Management Connections (page 9) •...

[Page 3](#) Task 1: Unpacking the ASUS Storage Figure 1. ASUS Storage front view Figure 2. ASUS Storage DS300F rear view Dual Power Supplies I/O Module For descriptions of the LEDs, see

page 12, Figure 9.

[Page 4](#) To lighten the ASUS Storage enclosure, remove the power supplies. Replace the power supplies after the ASUS Storage unit is mounted in your rack. The ASUS Storage DS300j unit installs to the rack using the available mounting rails. You can also use your existing rails.

[Page 5](#) Handles mount outside the rack post outside the rack post To install the ASUS Storage unit into a rack with the available mounting rails: Check the fit of the mounting rails in your rack system. See page 6, Figure 4.

[Page 6](#) ASUS Storage DS300j Quick Start Guide Figure 4. Rack mount assembly diagram Rack front post Rack back post Locating pins (2 on each end) Rail attaching screws (not included) Flange Support Rear rail Front rail Rail adjustment screw Inside of post...

[Page 7: Task 3: Installing Disk Drives](#)

See Figure 5. Figure 5. ASUS Storage drive slot numbering Install all of the drive carriers into the ASUS Storage enclosure to ensure proper airflow, even if you do not populate all the carriers with disk drives. Installing Your Disk Drives Remove a disk drive carrier.

[Page 8](#) Caution ASUS Storage supports disk drive hot-swapping. To avoid hand contact with an electrical hazard, do not remove more than one drive carrier a time. This completes disk drive installation. Go to "Task 4: Making Data and Management...

[Page 9: Configuring A Data Path](#)

Make the FC or iSCSI data connections as described in the ASUS Storage DS300F, DS300I User Manual. Connect the SAS Expansion port of the DS300F or DS300I subsystem to the SAS IN port on the I/O module of the first DS300j unit.

[Page 10](#) ASUS Storage DS300j Quick Start Guide Figure 7. Data and management connections with ASUS Storage Expansion Management Port SAS port ASUS Storage DS300F SAS OUT port SAS IN port ASUS Storage DS300j SAS OUT port SAS IN port ASUS Storage DS300j...

[Page 11](#) ASUS Storage DS300j unit. The product package includes a RJ11-to-DB9 serial data cable. The CLI is explained in "Chapter 3: Management" on page 17. Figure 8. The serial connector on the back of the ASUS Storage RJ11 Serial Connector To set up a serial cable connection: Attach the RJ11 end of the serial data cable to the RJ11 serial connector on the controller.

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ASUS Storage DS300j Quick Start Guide Task 6: Connecting the Power Plug the power cords into the power supplies on the back of the ASUS Storage DS300j unit and switch on the power supplies. When the power is switched on, the LEDs light up.

[Page 13: Disk Drive Leds](#)

Task 6: Connecting the Power Figure 10. ASUS Storage I/O Module LEDs Fan 2 Reserved SAS IN port SAS OUT port Fan 1 Fan 2 Fan 1 Disk Drive LEDs There are two LEDs on each drive carrier. They report the presence of a disk drive, activity of the drive, and the drive's current condition.

[Page 14: Cli Command Set](#)

ASUS Storage DS300j Quick Start Guide Task 7: Setting Up the CLI Connection The ASUS Storage DS300j unit has a Command Line Interface (CLI) to manage all of its functions via your PC's terminal emulation program, such as Microsoft HyperTerminal. This procedure uses the serial cable connection you made on page 11.

[Page 15: Contacting Technical Support](#)

DSK16. Contacting Technical Support ASUS Technical Support provides several support options for ASUS users to access information and updates. We encourage you to use one of our electronic services, which provide product information updates for the most efficient service and support.

This manual is also suitable for:

[Ds300j](#)