

# Endura® NSM5200/DAS5200 Series Fan Replacement

C4612M (10/09)

This document describes how to replace a failed system or CPU fan in a NSM5200 Series network system manager (NSM) or a DAS5200 Series direct attached storage (DAS).

## **MODELS**

NSM5200-FAN System fan replacement for the NSM5200
NSM5200-FANB Rear chassis fan replacement for the NSM5200
DAS5200-FAN System fan replacement for the DAS5200

### **REPLACING A SYSTEM FAN**

The NSM5200 and the DAS5200 each have four system fans that are located in the middle of the unit. These fans are hot-swappable and can be replaced without turning the unit off and without pulling the unit completely out of the rack. A red indicator light shows the failed fan.

**NOTE**: When the unit is pulled out to replace a system fan, make sure that all cables connected to the unit are long enough to avoid being disconnected.

- 1. To release the unit from the rack, turn the two captive thumbscrews on the rack counterclockwise to loosen them.
- 2. Gently slide the unit toward you until it stops.
- 3. Remove the two screws from the appropriate system fan cover; set the screws aside.
- 4. Open the system fan cover.
- 5. Pinch the latches on either side of the failed fan, and pull the fan out of the slot.

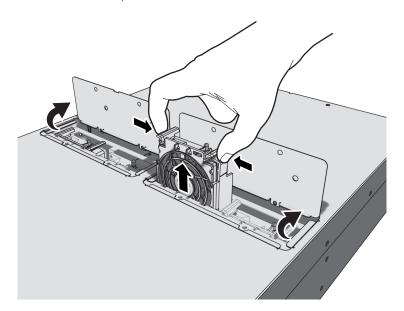


Figure 1. Replacing a System Fan

- 6. Gently slide the replacement fan into the empty slot. Make sure that the latches on the new fan are engaged and the fan is seated properly.
- 7. Close the system fan cover and replace the screws.
- 8. Slide the NSM5200 back into the rack.
- 9. Turn the captive thumbscrews clockwise to tighten them.

# **REPLACING A REAR CHASSIS FAN (NSM5200 ONLY)**

The NSM5200 has two rear chassis fans that are located on the rear panel of the unit. These fans are hot-swappable and can be replaced without turning off the unit. A red light indicates a fan failure.

- 1. Turn the two captive thumbscrews counterclockwise to remove the failed rear-chassis fan (refer to Figure 2).
- 2. Pull the failed fan completely out of the unit.

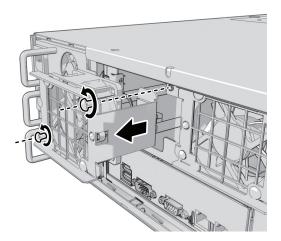


Figure 2. Replacing a CPU Fan

- 3. Gently slide the replacement fan into the empty slot.
- 4. Turn the captive thumbscrews clockwise to secure the replacement fan.

### **REVISION HISTORY**

Manual #DateCommentsC4612M10/09Original version.

**⊠Green** 

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This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

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