

Dell™ Systems

Installing a ROMB Card

安装 ROMB 卡

Installation de la carte ROMB

Installieren einer ROMB-Karte

ROMB カードの取り付け

ROMB 카드 설치

Instalación de una tarjeta ROMB



Notes, Notices, and Cautions

 **NOTE:** A NOTE indicates important information that helps you make better use of your computer.

 **NOTICE:** A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **CAUTION: A CAUTION indicates a potential for property damage, personal injury, or death.**

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This document contains information about installing a RAID on mother board (ROMB) card.

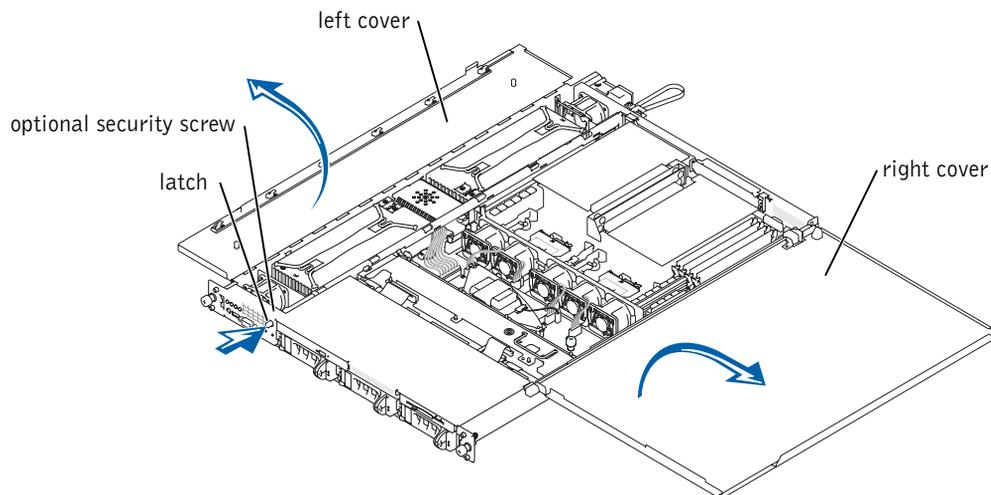
Installing a ROMB Card

⚠ CAUTION: Only trained service technicians are authorized to remove the system cover and access any of the components inside the system. See your *System Information Guide* for complete information about safety precautions, working inside the computer, and protecting against electrostatic discharge.

➡ NOTICE: To avoid possible data loss, back up all data on the hard drives before changing the mode of operation of the integrated SCSI controller from SCSI to RAID.

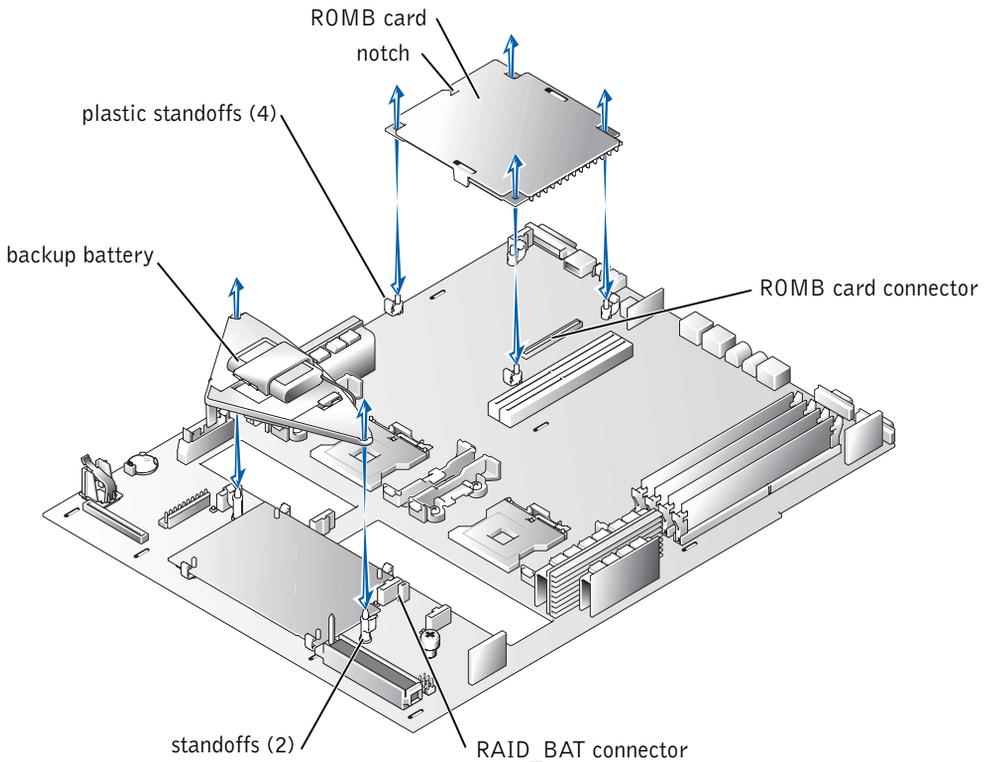
- 1 Remove the front bezel (if applicable).
- 2 Turn off the system, including any attached peripherals, and disconnect the system from the electrical outlet.
- 3 Remove the optional security screw (if applicable). See Figure 1-1.
- 4 Press the latch on the system front panel and lift the left cover.
- 5 Lift the right cover.

Figure 1-1. Opening the System Covers



- 6 Locate the ROMB card connector on the system board. See Figure 1-2.
- 7 If a PCI card is installed over the ROMB card connector, remove it. See your *Installation and Troubleshooting Guide* for instructions.
- 8 Position the ROMB card with the notch in its plastic cover facing the redundant power supply bay, and align the edges of the card with the four plastic standoffs on the system board. See Figure 1-2.
- 9 Press down on the ROMB card cover until the four plastic standoffs snap over the edge of the card. See Figure 1-2.

Figure 1-2. Installing the ROMB Card and Backup Battery

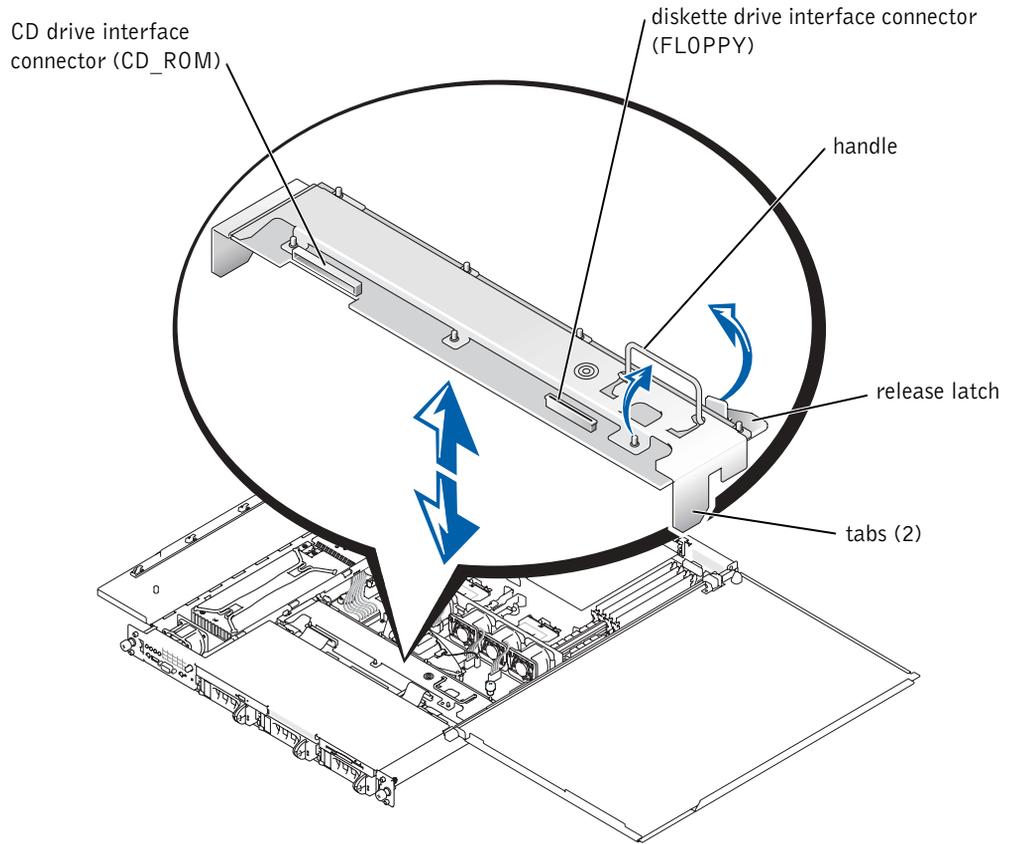


- 10** Install the ROMB backup battery:
 - a** Remove the SCSI backplane board. See "Removing the SCSI Backplane Board."
 - b** Position the battery board as shown in Figure 1-2, and press it down into the two standoffs until it snaps into place.
 - c** Plug the battery cable into the RAID BAT connector on the system board.
 - d** Install the SCSI backplane board. See "Installing the SCSI Backplane Board."
- 11** If you removed a PCI card in step 7, replace it. See your *Installation and Troubleshooting Guide* for instructions.
- 12** Close the system covers.

When closing the covers, close the right (larger) cover first and then close the left cover. Press firmly on the left cover to snap the securing latch into place.
- 13** Install the optional security screw (if applicable). See Figure 1-1.
- 14** Install the front bezel (if applicable).
- 15** Reconnect the system and peripherals to their electrical outlets, and turn them on.
- 16** Enter the System Setup program and verify that the setting for the SCSI controller has changed to reflect the presence of the RAID hardware. See "Using the System Setup Program" in your *User's Guide*.
- 17** Configure the RAID card and logical drives. See the ROMB card documentation for more information.

Removing the SCSI Backplane Board

- 1** Pull each hard-drive carrier partially out of its slot, approximately 2.5 cm (1 inch).
- 2** Disconnect the diskette-drive interface cable from the FLOPPY connector on the backplane board. See Figure 1-3.
- 3** Disconnect the CD drive interface cable from the CD_ROM connector on the backplane board. See Figure 1-3.
- 4** Press the release latch in toward the backplane board and use the handle to pull the board out of its connector and up out of the chassis.

Figure 1-3. SCSI Backplane Board**Installing the SCSI Backplane Board**

- 1** Insert the SCSI backplane board into the chassis:
 - a** Fit the metal tabs (one tab at each end of the backplane) into the slots in the chassis wall and lower the backplane into the chassis, ensuring that the CD and diskette drive interface cables are not caught under the backplane.
 - b** Press down firmly over the handle to seat the backplane in its connector.
- 2** Pivot the release latch out into the securing slot in the chassis.
- 3** Connect the CD drive interface cable to the CD_ROM connector on the backplane board. See Figure 1-3.

- 4** Connect the diskette-drive interface cable to the FLOPPY connector on the backplane board. See Figure 1-3.
- 5** Press all installed hard drives firmly back into the SCSI connectors on the backplane.