

Dell™ Systems

Installing an ERA/O Card

安装 ERA/O 卡

Installation d'une carte ERA/O

Installation einer ERA/O-Karte

ERA/O カードの取り付け

ERA/O 카드 설치

Instalación de una tarjeta ERA/O



www.dell.com | support.dell.com

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.

Information in this document is subject to change without notice.

© 2002 Dell Computer Corporation. All rights reserved.


Reproduction in any manner whatsoever without the written permission of Dell Computer Corporation is strictly forbidden.


Trademarks used in this text: *Dell*, the *DELL* logo, and *Dell OpenManage* are trademarks of Dell Computer Corporation.


Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Computer Corporation disclaims any proprietary interest in trademarks and trade names other than its own.

April 2002 P/N 3N447 Rev. A00


This document explains how to install an Embedded Remote Access Option (ERA/O) remote management card in your system. To install the ERA/O card, perform the following steps.

 **CAUTION:** Before you perform this procedure, you must turn off the system and disconnect it from its power source. Only trained service technicians are authorized to remove the system cover and access any of the components inside the system. Read and follow all safety precautions in your *System Information* document.

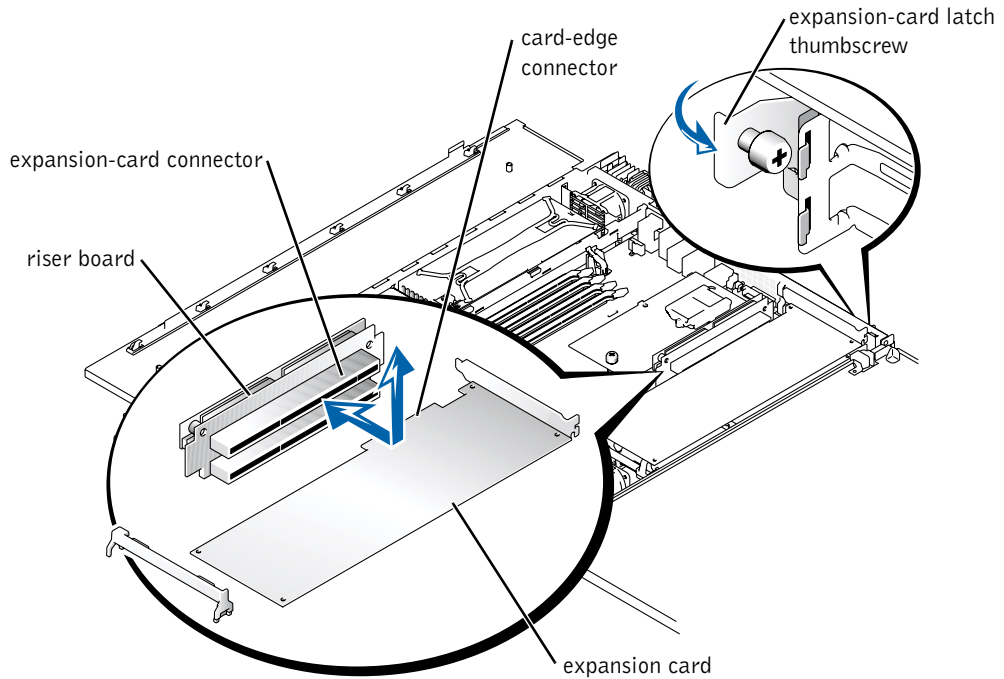
 **CAUTION:** Your system may have more than one power supply cable. To reduce the risk of electrical shock, a trained service technician must disconnect all power supply cables before servicing the system. For more information, see "Safety First—For You and Your Computer" in your *Installation and Troubleshooting Guide*.

 **NOTE:** You can install only half-length PCI cards in your system if an ERA/O card is installed. The system cannot physically accommodate the ERA/O card and a full-length PCI card.

- 1 Turn off the system, including any attached peripherals, and disconnect the system from the electrical outlet.
- 2 Open the system doors (see "Opening the System Doors" in your *Installation and Troubleshooting Guide*).
- 3 You must remove any full-length expansion cards from the system prior to installing the ERA/O card. To remove an expansion card, perform the following steps:
 - a Unfasten and remove the expansion-card latch (see Figure 1-1).
 - b Disconnect any cables from the card.
 - c Grasp the expansion card by its edges, and remove it from the expansion-card connector on the riser board.
 - d If you are not replacing the full-length card with a half-length card, install a metal filler bracket over the empty expansion-slot opening in the system back panel.

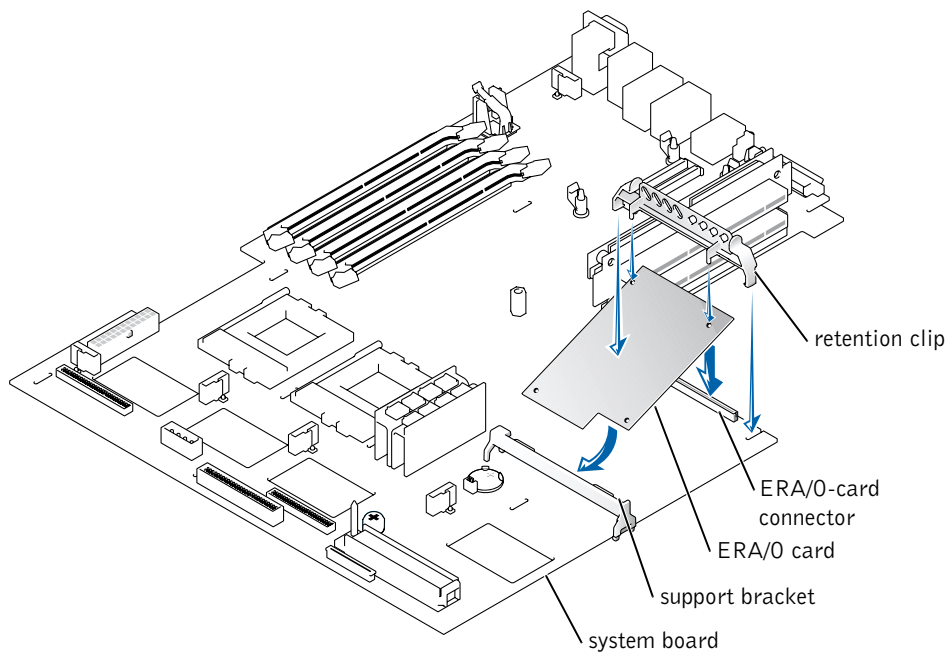
 **NOTE:** Installing a filler bracket over an empty expansion slot is necessary to maintain Federal Communications Commission (FCC) certification of the system. The brackets also keep dust and dirt out of the system and aid in proper cooling and airflow inside the system.

- e Replace and secure the expansion-card latch.

Figure 1-1. Removing a Full-Length Expansion Card (if installed)

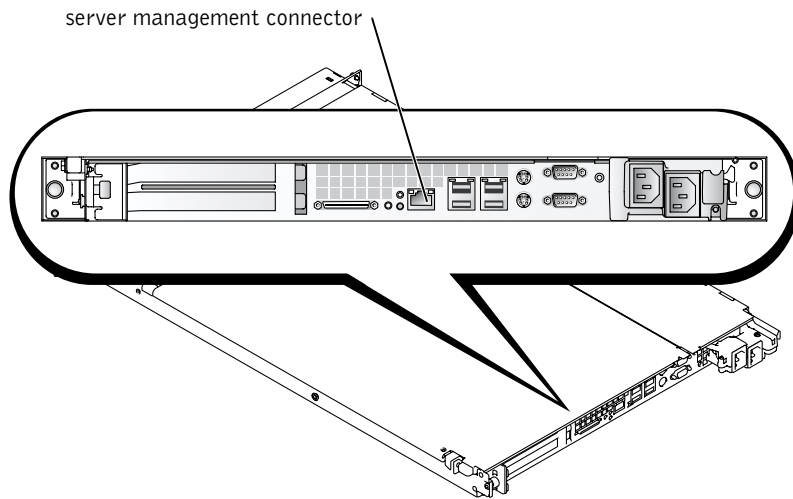
- 4 To install the ERA/O card in the system, perform the following steps:
 - a Fit the narrow end of the card into the support bracket on the system board (see Figure 1-2).
 - b Rotate the opposite end of the board downward until the ERA/O-card connector is fully seated in the connector on the system board.
- 5 Install the plastic retention clip included in the ERA/O card kit onto the card, as shown in Figure 1-2.
 - The ends of the retention clip fit into the two slots on the system board.
 - The two pins on the retention clip fit into the corresponding holes in the card.

Figure 1-2. Installing the ERA/O Card



- 6 Ensure that a network cable is connected to the 10-Mbps server management connector on the system back panel (see Figure 1-3).

Figure 1-3. Server Management Connector



- 7 Close the system doors, reconnect the system and peripherals to their electrical outlets, and turn them on.
- 8 For information on the ERA/O remote management software, see the remote access controller documentation provided on the online documentation CD.