



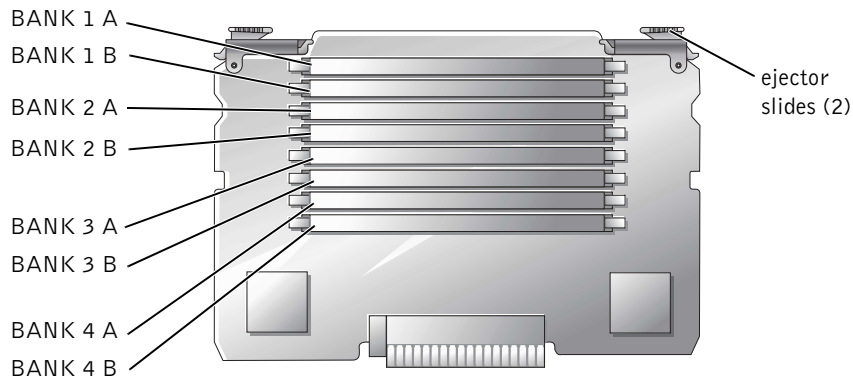
Memory Installation Guidelines

Memory module sockets are arranged in pairs, labeled A and B, on each memory riser card. Each pair of sockets on each memory riser card forms a single memory bank. See Figure 1 to identify the sockets on a memory riser card.

When you install memory modules, follow these guidelines:

- Each bank must contain identical modules. You must install memory modules in matched sets of four, two in each memory riser card (see Figure 1).
- Install identical memory modules in sockets A and B for bank 1 before installing modules in sockets for bank 2, and so on.
- Populate the memory banks in decreasing capacities, meaning that memory modules of the largest capacity are in bank 1 and the memory modules with the smallest capacity are in bank 4.
- Memory banks must be populated sequentially, which means that there can be no empty banks between the first and last populated banks.

Figure 1. 2-GB Memory Riser Board



Installing a 2-GB Memory Riser Card

To use 2-GB memory modules in your system, you must replace your system's current memory riser card with the new riser card provided in your 2-GB memory module upgrade kit. If your system contains a memory riser card that supports 2-GB memory modules, you do not have to replace the riser card. The new memory riser card also supports memory module capacities that are less than 2 GB.

- 1 Remove the memory riser card. See your *Installation and Troubleshooting Guide*.
- 2 Install the memory modules on the 2-GB memory riser card provided in your upgrade kit. See "Memory Installation Guidelines" and your *Installation and Troubleshooting Guide*.

See Figure 1 for the 2-GB memory riser card provided in your upgrade kit and the location of the memory banks.

- 3 Position the memory riser card so that the card-edge connector is aligned with the riser card connector on the microprocessor board.
- 4 Lower the card into the chassis until the ejector slides snap into place in the memory riser card guides.

Information in this document is subject to change without notice.

© 2002 Dell Computer Corporation. All rights reserved. Printed in the U.S.A.

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

Trademarks used in this text: *Dell* and the *DELL* logo 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.