

## VXI-MIO SERIES RAM UPGRADE

This guide describes how to install additional memory SIMMs into the VXI-MIO Series module.

### What You Need to Get Started

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To install memory SIMMs into your VXI-MIO Series module, you will need the following items:

- ☐ 72-pin, 80 ns (or faster) SIMMs with or without parity
- ☐ Phillips-head screwdriver

### Installation

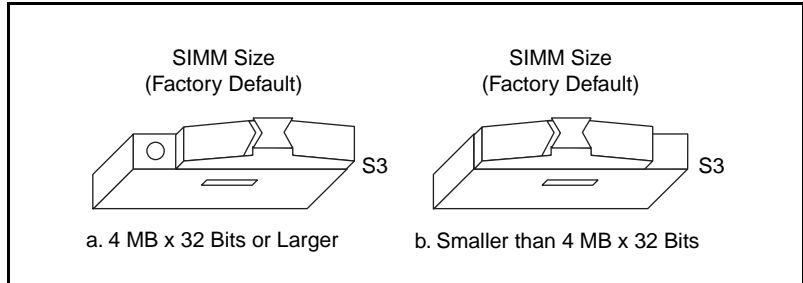
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Each VXI-MIO module can accommodate up to two 1.35 in. DRAM SIMMs. You can use 32-bit or 36-bit SIMMs since DRAM parity is not required. Because a VXI-MIO module supports only one organization at a time, all the SIMMs you install must be of the same type. Use bank 0 (labeled XA1) first when installing the SIMMs. The VXI-MIO module supports DRAM speeds of 80 ns or faster.

Perform the following steps to add SIMMs to your VXI-MIO Series module.

1. Remove the cover of the VXI-MIO Series module by removing the 11 screws. There are four screws on the top side, three on the right side, and four on the bottom side. Keep these screws in a safe place.
2. Insert SIMM modules in the SIMM sockets on the motherboard. Make sure you use proper antistatic precautions in handling the modules. If you are using only one SIMM, install it in the socket labeled XA1.

3. Use switch S3 to select the size of the SIMMs. The SIMM sockets are accessible only by removing the component right side cover, but S3 is accessible with the cover on.
- If the SIMMs are 4 MB x 32 bits or larger, set S3 as shown in Figure 1a.
  - For SIMMs smaller than 4 MB x 32 bits, set S3 as shown in Figure 1b.



*Figure 1. SIMM Size Configuration*

Reinstall the cover using the 11 screws.



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