

This manual describes how to install Dataram memory...		...into this HP system.
<p><u>Dataram Memory Upgrade</u></p> <p>DRH2800I2/4GB DRH2800I2/8GB DRH2800I2/16GB DRH2800I2/32GB DRH2800I2Q/32GB</p>	<p><u>HP Part Number</u></p> <p>AM229A AM230A AM231A AT067A HP Does not offer</p>	<p>HP Integrity rx 2800 I2</p>

System and Memory Configuration Overview

⚠ Caution: Refer to your system owner's manual for detailed instructions. System parts are sensitive to electrostatic discharge and can be damaged by the static charge you may carry. You should wear a grounded wrist strap.

The HP Integrity rx2800 i2 supports DDR3 DIMMs with ECC and chip spare protection. The server supports a maximum of twenty-four DIMM slots. The base server comes standard with 6 DIMM slots (one 6 slot memory riser, HP part number AM246A). Up to 18 additional DIMM slots can be added by ordering up to 3 additional of the optional AM246A 6-slot memory riser. A maximum of 384 GB is supported (24×16GB DIMMs or 12 x DRH2800I2/32GB or 12XDRH2800I2Q/32GB kits).

Memory Loading Rules and Performance Guidelines

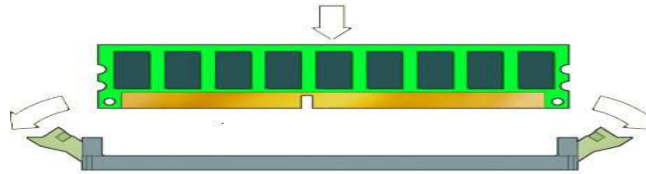
- Memory must be installed in matched pairs of DIMMs, each pair consisting of DIMMs of the same type: same capacity/density, same organization, same number of ranks, and same speed.
- Memory may be ordered in kits (pairs) of 4 GB (2×2GB), 8 GB (2×4GB), 16GB (2x8GB), or 32GB (2X16GB).
- Must have minimum 4 DIMMs installed to support double chip sparing.
- Minimum memory is 4 GB (2×2GB). However, 2GB DIMMs do not support double chip spare. Anytime 2GB DIMMs are installed in the system, double chip sparing is not supported.
- Maximum memory is 384 GB, using 12 - 32 GB (2×16GB) memory pairs.
- Alternate DIMM pairs between memory risers. If both processor sockets are populated, alternate DIMMs between processors.
- For best performance, all DIMM slots should be populated with the same size DIMM.

(continued from previous page)

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Installing Dataram memory in the HP Integrity rx 2800 I2

- Shut down the system and remove the power cable(s). Remove system cover.
- Remove the Dataram memory from the anti-static bag and place it on an antistatic mat.
- Check the DIMM population rules noted above to make sure the system rules are not violated. You may refer to your system manual for more details, or call Dataram Customer Support.
- Ensure that the DIMM socket ejector tabs are open, line up the DIMMs with the connectors, and push the DIMMs into place until the ejector tabs lock the DIMM in.



When you have installed all of the DIMMs, put the cover back on the system, plug the power cord(s) back in, and power on the system. Check to see if all of the DIMMs are recognized at POST and by the operating system.

Dataram Customer Support

Dataram's Technical Support Program goes beyond the lifetime warranty, routine calls and questions. As memory specialists since 1967, we want to provide the most comprehensive level of service and support in the industry.

Our Customer Support representatives can answer your questions and give you information on system/memory configurations, upgrade options, product specifications, compatibility and other technical topics or issues.

If a Dataram memory board does not function properly we will issue a Return Material Authorization number (RMA#) for the return of the defective module(s) and express ship a repair or replacement to you at no charge.

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