

Products in Family

GRH980L/4GB (1 x 4GB 1Rx4 DIMM)
 GRH980L/8GB (1 x 8GB 2Rx4 DIMM)
 GRH980L/16GB (1 x 16GB 2Rx4 DIMM)
 GRH980QL/32GB (1 x 32GB 4Rx4 DIMM)



Features	Description
240-pin JEDEC-compliant DIMMs 133.35 mm wide by 30 mm high (1.181" x 5.25") Data Transfer Rate: 10.6 Gigabytes/sec Operating Voltage: 1.35 V \pm 0.075 (1.5 V tolerant) Fully RoHS Compliant Thermal Sensor Heat Spreader	Each GRH980L upgrade consists of a single DDR3 Registered DIMM that conforms to JEDEC's DDR3, PC3L-10600 (PC3L-8500 32GB) standard. One 2K-bit EEPROM is used for Serial Presence Detect and a combination register/PLL with Address and Command Parity is also used. A thermal sensor accurately monitors the DIMM module and can prevent exceeding the maximum operating temperature of 95C.

Dataram Product	HP Product	Supported in these HP systems:
GRH980L/4GB GRH980L/8GB GRH980L/16GB GRH980QL/32GB	A0R57A A0R58A A0R59A A0R61A	ProLiant ProLiant DL980 G7

Notes

Tolerances on all dimensions except where otherwise indicated are \pm .13 (.005).

All dimensions are expressed in millimeters [inches]

