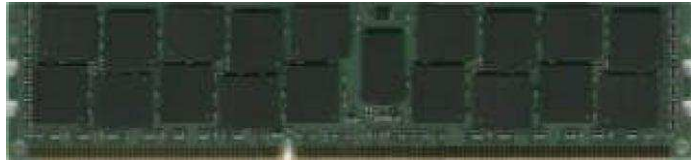


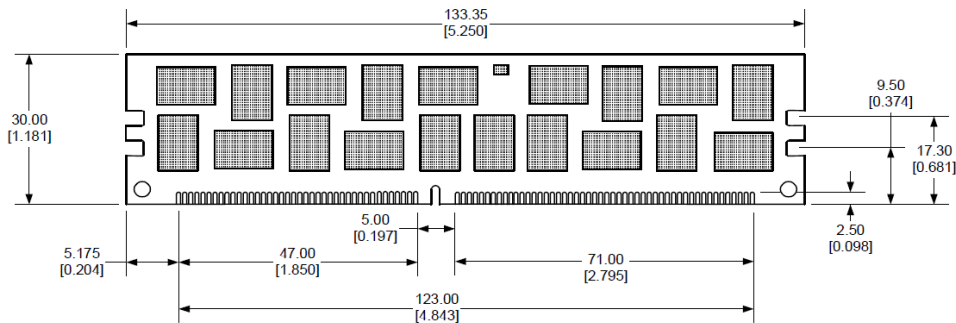
Products in Family

GRL1600RL/4GB (1 x 4GB 1Rx8 DIMM)
 GRL1600RL/8GB (1 x 8GB 2Rx4 DIMM)
 GRL1600RLS/8GB (1 x 8GB 1Rx4 DIMM)
 GRL1600RL/16GB (1 x 16GB 2Rx4 DIMM)

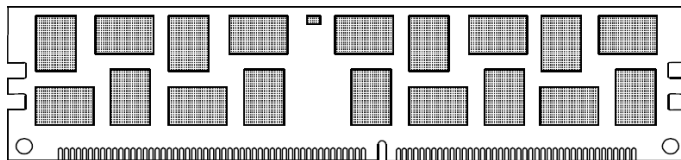


Features	Description
240-pin JEDEC-compliant DIMMs 133.35 mm wide by 30 mm high (1.181" x 5.25") Data Transfer Rate: 12.8 Gigabytes/sec Operating Voltage: 1.35 V ±0.075 (1.5 V tolerant) Fully RoHS Compliant Thermal Sensor	Each GRL1600RL upgrade consists of a single DDR3-1600 Registered ECC DIMM that conforms to JEDEC's DDR3, PC3L-12800 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	Dell Product	Product Description
GRL1600RL/4GB GRL1600RL/8GB GRL1600RLS/8GB GRL1600RL/16GB	SNPRVY55C/8G SNPRKR5JC/8G SNP20D6FC/16G	4GB 1Rx8 PC3L-12800R-11 8GB 2Rx4 PC3L-12800R-11 8GB 1Rx4 PC3L-12800R-11 16GB 2Rx4 PC3L-12800R-11

Front view

Notes

Tolerances on all dimensions except where otherwise indicated are ±.13 (.005).
 All dimensions are expressed in millimeters [inches]

Back view

Side view
