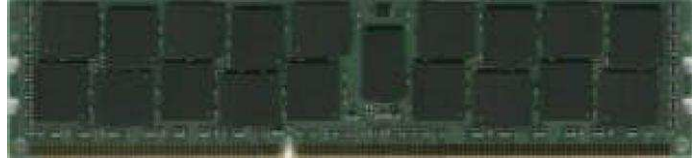


## Products in Family

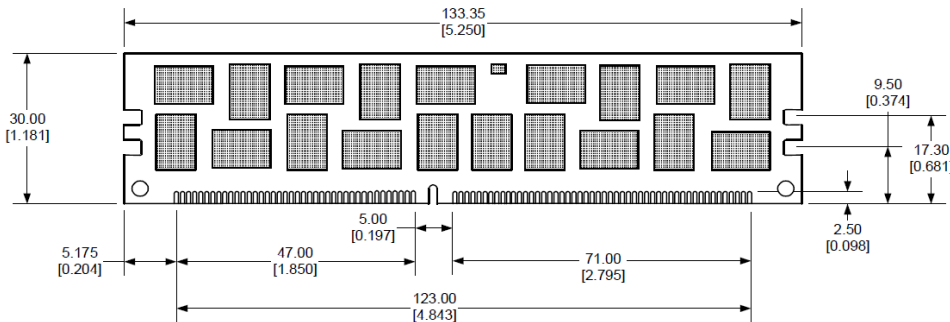
- GRIX1600RS/4GB (1 x 4GB 1Rx4 DIMM)
- GRIX1600R/4GB (1 x 4GB 2Rx8 DIMM)
- GRIX1600R/8GB (1 x 8GB 1Rx4 DIMM)
- GRIX1600R/16GB (1 x 16GB 2Rx4 DIMM)



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: 1.5 V ±0.075 Fully RoHS Compliant Thermal Sensor	Each GRIX1600R upgrade consists of a single DDR3-1600 Registered ECC DIMM that conforms to JEDEC's DDR3, PC3-12800 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	IBM Product	Supported in these IBM systems:
GRIX1600RS/4GB GRIX1600R/4GB GRIX1600R/8GB GRIX1600R/16GB	49Y1559 90Y3178 90Y3109 Not Offered by IBM	IBM System x iDataPlex dx360 M4, X3500 M4, X3550 M4, X3650 M4  <i>Note: Not all memory upgrades are supported in all models</i>

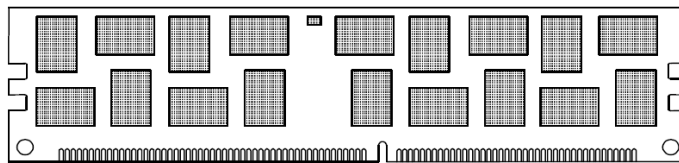
## Front view



## Notes

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

## Back view



## Side view

