

RDIMM DDR3

REGISTERED DRAM MEMORY

Main features

High-speed DDR3 technology
Capacity up to 16 GB
Frequency up to 1600 MHz
Lifetime Warranty



GOODRAM RDIMM DDR3 registered modules are manufactured from major grade memory chips - the highest quality memory chips available on the market. Their most important features are:

- **The register** - an additional chip that provides communication between the module and the memory controller. Thanks to this, RDIMM memories are characterized by high stability in multi-module systems, which in turn makes it possible to place a greater number of modules in a single motherboard (the register offloads the operation of the memory controller).
- **ECC (Error Correction Code)** - an algorithm that detects and corrects errors in the memory module. Thanks to this technology, ECC memory provides greater stability of the computer system than in the case of using ordinary RAM memory.
- **Demanding tests** - DRAMs for server or industrial applications are tested at the temperature of 80°C or 95°C for 2 to 24 hours - depending on the product specifications. During the test, hundreds of terabytes of data are written onto and verified in the DRAM memory. This kind of a test makes it possible to detect almost all defects located in the interface or memory cell array.

Specifications

Module capacity	4 GB, 8GB, 16GB
Frequency	1333 MHz, 1600 MHz
Data bus width	72
Memory chip organization	256x4, 512x4, 1024x4
No. of components	9, 18, 36
No. of ranks	1, 2
Timings	CL9, CL11
ECC	YES
PIN	240 PIN
Supply voltage	1,5 V, 1,35 V
Registered	YES



enterprise

Logistics data

Product	Capacity	Organization	Type	Frequency	CL	EAN
W-MEM1333R3D44GLV	4 GB	256x4	RDIMM DDR3	PC3L-10600R (1333MHz)	9	5908267908020
W-MEM1333R3D48GLV	8 GB	512x4	RDIMM DDR3	PC3L-10600R (1333MHz)	9	5908267905012
W-MEM1333R3D416GLV	16 GB	1024x4	RDIMM DDR3	PC3L-10600R (1333MHz)	9	5908267905258
W-MEM1600R3D44GLV	4 GB	256x4	RDIMM DDR3	PC3L-12800R (1600MHz)	11	5908267962596
W-MEM1600R3D48GLV	8 GB	512x4	RDIMM DDR3	PC3L-12800R (1600MHz)	11	5908267905005
W-MEM1600R3D416GLV	16 GB	1024x4	RDIMM DDR3	PC3L-12800R (1600MHz)	11	5908267905234