

32GB DDR3L VLP RDIMM

Very Low Profile RDIMM

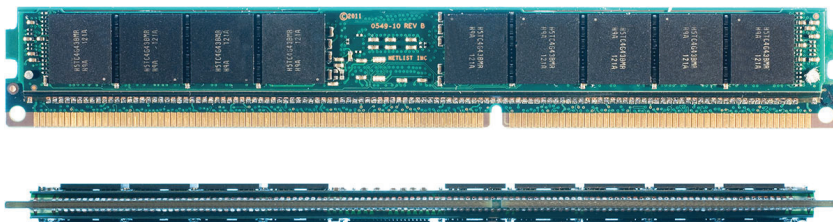
Product Brief



Overview

Netlist DDR3L (Double Data Rate 3 Low Voltage) Very Low Profile (VLP) Registered Dual In-Line Memory Modules (RDIMMs) are designed to deliver unprecedented performance and energy efficiency required by space constrained, high-end servers, blades, and workstations. This solution offers greatly improved power savings to increase the overall thermal characteristics of servers, maximizes the amount of memory in the system while keeping slots open for future upgrades.

Synchronous design allows precise control of data transfer between the module and the system controller. Data I/O transactions are captured on all crossings of differential data strobe pairs. A range of operating frequencies and programmable latencies allows the same module to be suitable for a variety of high performance system applications.

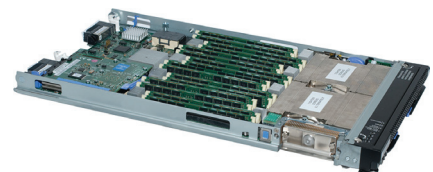


Features

- 32 GB (4 G x 72 bit) density
- Low Voltage DDR3L (1.35 V)
- Speed: PC3L-10600 (1333 MT/s)
- 240-pin Quad-Rank VLP RDIMM
- Supports ECC error detection and correction
- JEDEC compliant VLP form factor
- 133.35 x 19.30 x 7.55 mm
- On-board two-wire bus temperature sensor with integrated Serial Presence Detect (SPD) EEPROM
- RoHS Compliant (Lead-Free)

Applications

- Storage Appliance: DAS, NAS, SAN
- Network Appliance: FC, Ethernet
- Industry standard Storage Bridge Bay (SBB) form Factor enclosures



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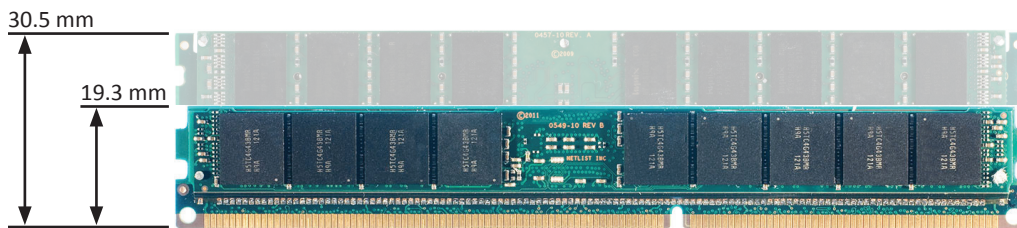
Product Brief

Benefits

- Plug and Play in Intel based DDR3 server and storage platforms
- Use of high availability memory components
- Cost effective 32GB DDR3 RDIMM solution
- Optimized for 1 DIMM per Channel (DPC) supporting 4-Rank
- Thermal efficient design
- High reliability due to use of double board construction

| Specifications | |
|----------------|--------------------------|
| Density | 32 GB |
| Speed | PC3L-10600 (1333 MT/s) |
| Rank | 4-Rank |
| Configuration | x4 |
| Voltage | 1.35 V |
| Form Factor | Very Low Profile RDIMM |
| Dimensions | 133.35 x 19.30 x 7.55 mm |
| Temperature | 0°C to 85°C |
| Availability | Production |
| Warranty | 3 years |

| Ordering Information | |
|----------------------|----------------------|
| 32GB DDR3L VLP RDIMM | NVD4G7T31G0FCD10I1HA |



Standard RDIMM vs. VLP RDIMM

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