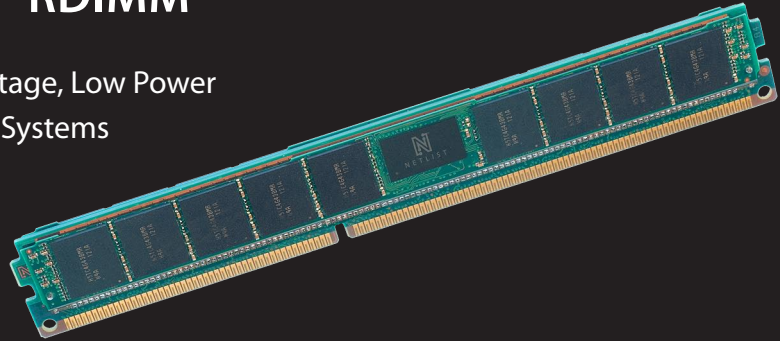




16GB 4Rx4 Planar-X VLP RDIMM

Very Low Profile, High Density, Low Voltage, Low Power
Memory for Server Blades and Storage Systems



Very Low Profile, High Density, Low Voltage, Low Power Memory for Server Blades and Storage Systems

Netlist's revolutionary and patented Planar-X memory module technology enables the most cost effective 16GB 4Rx4 memory solutions to fit into the dense space requirements of server and storage applications. Built using 4Gbit DDPs (72x2Gb die) for the most cost effective solution while meeting the performance and thermal requirements of today's datacenters enables long term OPEX as well as CAPEX reductions.

Supporting the latest AMD and Intel processor operating speed requirements and providing maximum memory bandwidth enables the user to select the most appropriate processor for their application. Reducing power consumption in today's servers and SAN's is critical in high density applications where the 19% power dissipation reduction from modules operating at 1.35V vs. the more standard 1.5V modules is a de-facto requirement.

Netlist enables datacenters, SAN, telco, and other applications to make a quicker transition to 1.35V at reduced overall system cost while dissipating less power. In addition to lowered power and cooling costs, overall thermal management is further simplified.

Planar-X Advantages

- High Density with a Very Low Profile 16GB 4Rx4 Planar-X VLP RDIMM ideal for Server blades, Storage Bridge-Bay (SBB) appliances, Telecom, and other 1 RU applications
- 16GB Cost Effective 4Gb DDP (2x2Gb) implementation in a 4-Rank, 4 bit module solution
- Maximum Performance with 1DPC 1333MT/s memory bandwidth support
- Improved Reliability/Robustness compared to 8Gb QDP (4x2Gb) or 8Gb DDP (2x4Gb) solutions
- Low Power 1.35V operation with support for 1.5V
- JEDEC compatible form factor with industry leading price/performance

Applications

- Server blades
- Storage Bridge Bay (SBB) appliances
- Telecom/Datacom infrastructure products
 - ◇ ATCA products
 - ◇ IP Routers, Switches
 - ◇ Servers
- Security infrastructure products
 - ◇ UTMS, NG Firewalls
- Wireless/Video infrastructure products
 - ◇ CMTS, etc

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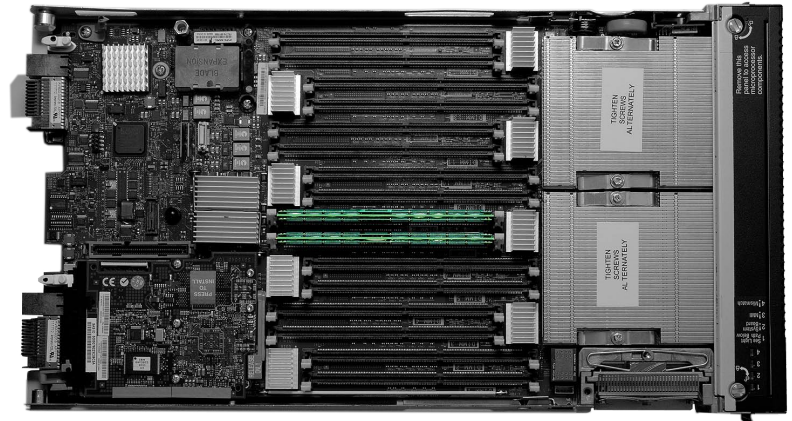
Very Low Profile, High Density, Low Voltage, Low Power Memory for Server Blades and Storage Systems

Netlist's 16GB Planar-X VLP RDIMM module offers a high density, low power/voltage solution for datacenter applications requiring reduces power and cooling needs for optimal OPEX at a superior price/performance point.

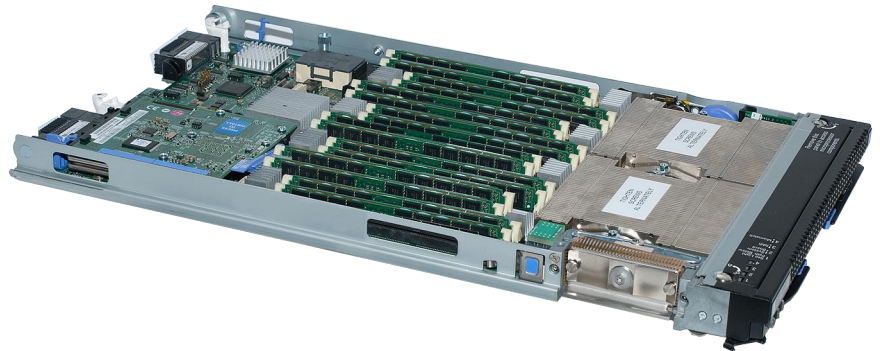
- Utilizing mainstream, multi-sourced DRAM technology enables cost effective solution.

Additional Features

- 240-pin VLP RDIMM module
- ECC error detection and correction
- RoHS-6 compliant
- Package dimensions
 - ◇ 133.35mm x 19.4mm x 7.4mm



Netlist's patented Planar-X design enables the greatest memory density per blade using mainstream, multisourced DRAM technology.



Ordering Information

Memory Description	Netlist Part Number ¹
16GB 4Rx4 Planar-X VLP RDIMM	NWD2G7T3510FCM

Note 1: Contact local sales or applications for complete part number ordering information.

www.netlist.com



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