

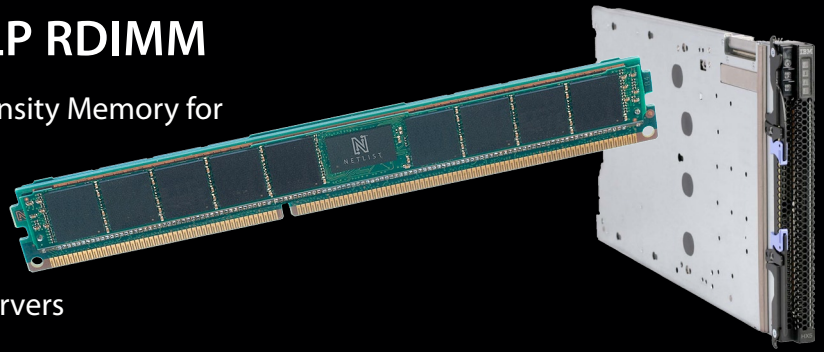


NETLIST

For use with IBM Blade Center® HX5 servers

16GB 4Rx4 Planar-X VLP RDIMM

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



Available on IBM BladeCenter® HX5 servers

VLP Memory for High Density Blade Servers

Blade servers are required to deliver the highest performance while reducing power consumption and optimizing space. Very Low Profile (VLP) memory must support these critical requirements yet deliver high speed throughput and high capacity in a small form factor.

Netlist's patented Planar-X memory module technology enables the most cost effective, high performance 16GB 4Rx4 VLP memory solution to fit into the dense space requirements of server and storage applications.

IBM BladeCenter HX5 Memory

The VLP 16 GB RDIMM for the IBM BladeCenter HX5 is a low-cost way to add memory to BladeCenter servers, and meet all of your memory-intensive workload requirements.

The 16 GB 1.35 V 4Rx4 RDIMM:

Provides up to 256 GB of DDR3 Memory per 2-socket HX5 and up to 512GB per 4-socket HX5. Is a Quad-rank RDIMM that helps maximize performance with the Intel Xeon Processor E7-8800, E7-4800, and E7-2800 series of the HX5.

Designed as a 1.35 V low-voltage RDIMM, this memory offers up to 20% energy savings over 1.5 V. Supports running at both 1.35 V and 1.5 V.

Netlist Memory Advantages

- Optimized HX5 server blade memory density with VLP 16GB 4Rx4 Planar-X RDIMM technology.
- Reduced power consumption and cooling costs with 1.35 V operation.
- Improved performance with Netlist quad-rank VLP as opposed to two-rank memory.

Why Memory from IBM

- Full compatibility testing and tuning for optimal IBM BladeCenter performance and uptime.
- Memory options automatically assume the IBM system warranty.
- Memory options include seamless IBM service and support worldwide.

BladeCenter HX5

- Modular design, enabling standardization on same platform for 2- and 4-socket server needs to deliver faster time to value.
- Greater memory capacity, enabling more or larger VMs per server.
- High-density, high-utilization computing allows superior price performance as well as performance per watt.

Please contact your IBM representative or Authorized IBM Business Partner and maximize your IT investment.

Part Number	Description
90Y3221	16GB (1x16GB, 4Rx4, 1.35V) PC3L-8500 CL7 ECC DDR3 1066MHz VLP RDIMM