



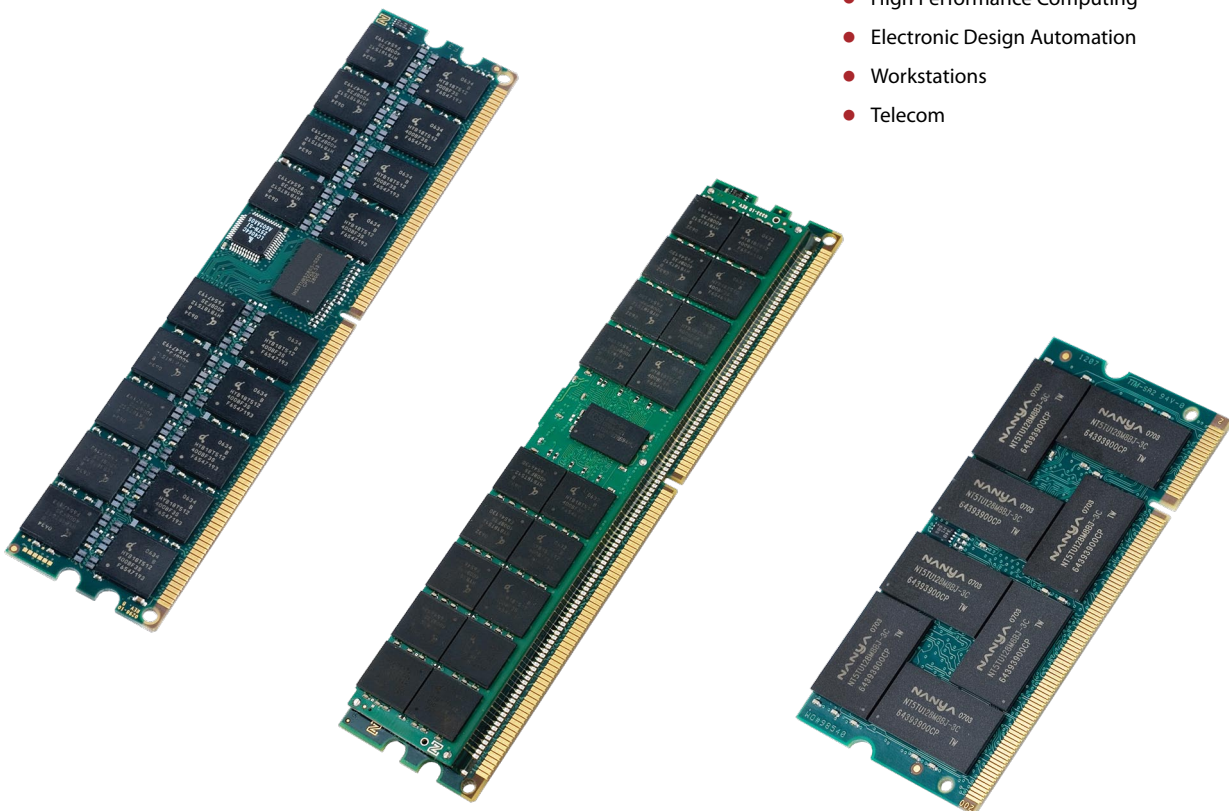
NETLIST

DDR3 Memory Products

Netlist – High-Density Memory Solutions Experts

Netlist, Inc. designs, manufactures, and markets highly customized, high-density memory subsystems for the server, high-performance computing and communications markets. The company's memory subsystems are developed for applications where memory is critical in meeting system performance requirements. These applications include tower, rack-mounted, blade and storage servers, high-performance computing clusters, engineering workstations, and telecommunication switches.

Netlist is committed to providing cost effective memory modules at the highest levels of quality and reliability through operational excellence. Netlist memory modules are routinely qualified by major OEMs.



DDR3 DIMMs

- HyperCloud™ Registered DIMMs
- Registered DIMMs
- Small Outline DIMMs
- Unbuffered DIMMs
- Mini-RDIMMs

Features

- 1333/1066/800 MT/s
- 2GB , 4GB, 8GB, 16GB DIMM Capacities
- HyperCloud™ Rank Multiplication & Load Reduction
- Multiple Form Factors Including VLP
- RoHS 6/6
- JEDEC Compliant

Applications

- Cloud Computing
- Virtualization
- High Performance Computing
- Electronic Design Automation
- Workstations
- Telecom

Featured DDR3 DIMM products from Netlist

Capacity	Transfer Rate (MT/s)	Form Factor	Ranks
HyperCloud Registered DIMM			
16GB	1333/1066	Planar-X LP	2 vR ¹
16GB	1333/1066	Planar LP	2 vR ¹
8GB	1333/1066	Planar-X LP	2 vR ¹
8GB	1333/1066	Planar LP	2 vR ¹
4GB	1333/1066	Planar LP	2 vR ¹
Registered DIMM			
16GB	1066	Planar-X LP	4 ²
8GB	1333/1066	Planar-X LP	2, 4 ²
8GB	1333/1066	Planar LP	2, 4 ²
4GB	1333/1066	Planar LP	2
4GB	1333/1066	Planar VLP	2
2GB	1333/1066	Planar LP	1
2GB	1333/1066	Planar VLP	1
SO-DIMM			
4GB	1333/1066	Planar LP	2
2GB	1333/1066	Planar LP	2
1GB	1333/1066	Planar LP	1, 2
Unbuffered DIMM			
2GB(ECC)	1333/1066	Planar LP	2
2GB	1333/1066	Planar LP	2
1GB(ECC)	1333/1066	Planar LP	1, 2
1 GB	1333/1066	Planar LP	1, 2
Mini-Registered DIMM			
8GB	1333/1066	Planar LP	2, 4 ²
4GB	1333/1066	Planar LP	2
2GB	1333/1066	Planar LP	2
2GB	1333/1066	Planar VLP	1

¹ HyperCloud rank multiplication technology presents two virtual ranks (four physical ranks) or one virtual rank (two physical ranks) to the Memory Controller Hub (MCH).

² Four Rank JEDEC transfer rate: 1066/800 MT/s

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