NETLIST

For use with IBM System x3650 M4 servers

HyperCloud® 2 vRank 32GB DDR3 DIMM

The 32GB DIMM solution for big-data analytics, high performance computing, and financial services.

Available on select

IBM System x™ servers from IBM.

IBM System x image Courtesy of International Business Machines Corporation. Unauthorized use not permitted.

Advanced Memory for Business-Critical Applications

Big-Data Financial Applications and Financial Services

Large footprint database applications must process large amounts of in-memory data for maximum application results. Data analytics, business intelligence, and real-time analysis applications benefit from high-capacity, high-performance memory.

In addition, Financial services applications need to process large amounts of data as rapidly as possible. Many of these applications are extremely time sensitive and utilize in-memory databases or large complex models. These real-time data analytics and business intelligence systems benefit from large high performance memory.

High Performance Computing (HPC)

HPC applications, such as Computational Fluid Dynamics (CFD), Finite Element Analysis (FEA), and Electronic Design Automation (EDA) require advanced multi-core CPU processing power, need high capacity memory, and sustained high-speed access.

HyperCloud memory enables cost savings in a HPC environment by requiring fewer software licenses while increasing productivity by running more simulations simultaneously.

IBM System x3650 M4 Servers

Optimized For Cost and Performance

The IBM® System x3650 M4 blends outstanding uptime, performance and I/O flexibility for cost efficiency and rock-solid reliability. The powerful server offers an energy-smart, affordable, and easy-to-use rack solution with a pay-as-you-grow design to help lower costs and manage risks.

With more computing power per watt and the latest Intel® Xeon® Processor E5-2600 series, advanced memory support, and greater disk capacity for businesses requiring extreme storage, the x3650 M4 offers balanced performance and density.

768GB DRAM System Memory

HyperCloud's distributed architecture and patented rank multiplication and load reduction technology enable the industry's highest capacity and bandwidth.

HyperCloud® Memory Features

- Supported on x3650 M4 servers
- Highest performance with lowest latency as compared to industry-standard RDIMMs for large memory capacities

Benefits

- Optimized two-processor server DRAM configuration
- Highest performance in 768GB configurations

IBM System x3650 M4 Highlights

- Innovative design, optimized for cost and performance
- Excellent RAS and outstanding uptime for an improved business environment
- Easy to deploy, integrate, service and manage

IBM System x3650 M4 At a Glance

- Form factor/height: 2U Rack
- Processor (max): Up to two 8-core Intel® Xeon® Processor E5-2600 series processors
- Memory (max): Up to 768GB via 24 slots of 32GB LP HyperCloud DIMM running 1066MHz at 3DPC

Please contact your IBM Representative or Authorized IBM Business Partner for ordering information.

Part Number	Description
00D5004	32GB (1x32GB, 1.5V) PC3-8500 CL7 ECC DDR3 1066MHz LP HyperCloud DIMM

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