IBM System x3755 M3

Outstanding performance and capacity in a small footprint

Highlights

- Meet growing workload demands with cost-effective processor and memory scaling
- Delivers value, performance and memory for midsized workloads
- Realize the benefits of four-socket architecture in a slim 2U server

The scalability to meet growing demands

The IBM System x3755 M3 is a four-socket server that provides outstanding performance and capacity in a data center-friendly 2U footprint. Based on the 8-, 12-core or 16-core AMD Opteron 6200 Series platform, the x3755 M3 helps organizations scale as workload demands increase, accommodating up to 64 processor cores and 512 GB of memory for cost-effective scaling.

The right size for midsized workloads

The x3755 M3 is an ideal server for business workloads including database, virtualization, Java™, and enterprise applications such as ERP. The increased processor density helps reduce networking complexity and cost for high-performance computing environments, and the available 16 TB of internal storage facilitates data-intensive applications like business intelligence.

An optimized solution for your growing business

Offering flexible configuration options, the x3755 M3 is a natural choice for workloads that are outgrowing the performance and capacity available on their legacy two-processor servers. The x3755 M3 helps IT organizations bridge the gap between two-socket and four-socket systems by providing a high-performance four-socket option in a cost-effective 2U design.

With features for reliability and serviceability, backed by IBM worldwide service and support, the x3755 M3 offers a powerful solution for addressing today's demanding workloads.

For more information

To learn more about the IBM System x3755 M3, contact your IBM marketing representative or IBM Business Partner, or visit: **ibm.com**/systems/x

IBM System x3755 M3 at a glance

Form factor/height	Rack/2U
Processor (max)	Up to 3.0 GHz 8-core or 2.6 GHz 16-core AMD Opteron 6200 Series processors
Number of processors (std/max)	4/4
Cache (max)	12 MB L3
Memory (max)	Up to 512 GB DDR-3 RDIMM memory or 128 GB DDR-3 UDIMM memory via 32 DIMM slots
Expansion slots	4 PCIe slots
Disk bays (total/hot-swap)	Up to 8 hot-swap SAS/SATA, optional up to 6 simple-swap SATA
Maximum internal storage	Up to 24 TB
Network interface	Integrated quad Gigabit Ethernet ports
Power supply (std/max)	1/3 1100 W
Hot-swap components	Power supplies, fan modules, HDDs
RAID support	6 Gbps RAID-0, -1, -10 standard, upgradeable to hardware RAID-5
Systems management	IBM Systems Director, light path diagnostics panel, KVM over IP for remote management
Operating systems supported	Microsoft Windows Server, SUSE Linux, Red Hat Linux, VMware
Limited warranty	3-year customer replaceable unit and onsite limited warranty

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