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## 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



# IBM System x3755 M3

*Outstanding performance and capacity in a small footprint*

## 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 4-, 8-, 12-core or 16-core AMD Opteron 6300 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 32 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.





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## IBM System x3755 M3 at a glance

<b>Form factor/height</b>	Rack/2U
<b>Processor</b> (max)	Up to 3.5 GHz AMD Opteron 6300 Series processors, 4-core, 8-core, 12-core and 16-core processors available
<b>Number of processors</b> (std/max)	2/4
<b>Cache</b> (max)	Up to 16 MB L3
<b>Memory</b> (max)	Up to 256/512 GB (8 GB/16 GB RDIMM); supports DDR3-1600 MHz memory speed
<b>Expansion slots</b>	4 PCIe slots
<b>Disk bays</b> (total/hot-swap)	Up to 8 hot-swap SAS/SATA, optional up to 6 simple-swap SATA
<b>Maximum internal storage</b>	Up to 32 TB
<b>Network interface</b>	Integrated quad Gigabit Ethernet ports
<b>Power supply</b> (std/max)	1/3 1100 W
<b>Hot-swap components</b>	Power supplies, fan modules, HDDs
<b>RAID support</b>	6 Gbps RAID-0, -1, -10 standard via M1015 (upgradeable to RAID-5), some models with M5015 (upgradeable to RAID-5, -50, optional to RAID-6, -60 with feature key)
<b>Systems management</b>	IBM Systems Director, light path diagnostics panel, KVM over IP for remote management
<b>Operating systems supported</b>	Microsoft Windows Server, SUSE Linux, Red Hat Linux, VMware
<b>Limited warranty</b>	3-year customer replaceable unit and onsite limited warranty

## 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](http://ibm.com/systems/x)