IBM System x3620 M3

Cost-optimized 2-socket server for growing businesses

Highlights

- An ideal platform for cost-sensitive clients who require 2-socket perform-ance and high storage capacity

- A dependable server with simplified management backed by IBM service, support and tools

- Customizable design and flexible con-figurations for affordable growth

A cost-focused 2-socket platform

The IBM System x3620 M3 gives growing businesses a flexible, 2-socket server designed to keep costs down. Built on the latest Intel® Xeon® technology, the x3620 M3 helps lower costs by providing energy efficiency, integrated software RAID and support for up to eight high-capacity, low-cost 3.5" hard disk drives.

IBM designed, tested and certified

Reliable and easy to manage, the x3620 M3 is backed by IBM service and support. Embedded RAID and an optional 6 Gbps adapter can protect your data, while optional redundant power and cooling pro-mote uptime. Access to IBM Systems Director, ToolsCenter and IBM Integrated Managed Module (IMM) capabilities offer proactive support to help maintain availability.

Flexible options, affordable growth

The x3620 M3 offers a customizable design and multiple configura-tions that let you start small and grow at your own pace. As your requirements change, you can cost-effectively add enterprise features— including advanced RAID, full redundancy, hot-swap hard disk drives and remote management capabilities.

Select configurations of the x3620 M3 are part of the IBM Express Advantage® Portfolio designed to meet the needs of midsized busi-nesses. Easy to manage, Express® models vary by country.

IBM System x3620 M3 at a glance

Form factor/height	Rack/2U
Processor (max)	Up to two 3.06 GHz 6-core (3.20 GHz 4-core) Intel® Xeon® 5600 series processors with QuickPath Interconnect technology, up to 1333 MHz memory access speed. Also supports select Intel Xeon 5500 series processors
Number of processors (std/max)	1/2
Cache (max)	Up to 12 MB L3
Memory (max)	Up to 192 GB in 12 slots, using RDIMMs
Expansion slots	Two x8 PCIe Gen II slots and one x4 PCIe Gen II buried slot
Disk bays (total/hot swap)	Up to four 3.5" simple-swap SATA HDDs or up to eight 3.5" hot-swap SAS/SATA HDDs
Maximum internal storage	Up to 16.0 TB hot-swap SAS or SATA
Network interface	Integrated two ports
Power supply (std/max)	1/2; 460 W or 675 W HE each
Hot-swap components	Power supplies, HDDs
RAID support	Embedded software RAID-0, -1 or hardware RAID-0, -1, -1E or RAID-0, -1, -10 (optional -5 with SED function) or RAID-0, -1, -10, -5, -50 (optional -6,-60 with SED function and optional battery), model dependent
Systems management	IBM IMM with Virtual Media Key, Predictive Failure Analysis, Integrated Service Processor, light path diagnostics panel, Automatic Server Restart, IBM Systems Director and Active Energy Manager™, IBM ServerGuide™
Operating systems supported	Microsoft® Windows® Server, Red Hat Linux®, SUSE Linux, VMware
Limited warranty	3-year customer replaceable unit and on-site limited warranty

For more information

World Wide Web

U.S. **ibm.com**/systems/x/

Canada **ibm.com**/systems/ca/en/servers/x/index.html