

Rock-solid, long-life business-critical application server for data-dense environments



## IBM System x3650



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### Highlights

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- **Get superior performance with new dual-core or quad-core processors and faster memory**
- **Use new integrated solutions to manage your resources**
- **Protect IT investments with scalable memory, I/O and storage on a long-life server platform**

### New levels of speed and performance

For constrained data center environments, the IBM System x3650 offers unprecedented performance and reliability. Optimized for up to eight-core processor performance, the x3650 delivers rack-dense, dual-core or quad-core computing power, an impressive 12 DIMM memory design and super-efficient network communication.

### Integrated enterprise-class management

Innovation comes standard on the x3650. Anywhere/anytime management keeps assets under control. IBM PowerExecutive™ delivers advanced control, monitoring power

consumption while achieving decreased cooling costs. The optional RSA II SlimLine card keeps slots free while expanding systems management functionality.

### Protect your IT investment

Scalable memory and I/O design satisfy high-speed processing and reliability requirements, while integrated RAID safeguards data. Hot-swap power and cooling with Calibrated Vektored Cooling and IBM PowerExecutive help keep your server cool. The result? Run multiple workloads on a two-socket server—without running out of IT funds.

Select configurations of the x3650 are part of the IBM Express Portfolio™ designed and priced to meet the needs of midsized businesses. Reliable and easy to manage, Express models/configurations vary by country.

### Get it now

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## IBM System x3650 at a glance

<b>Form factor/height</b>	Rack/2U
<b>Processor</b> (max)	Dual-Core Intel® Xeon® Processor 5160 up to 3.0 GHz and up to 1333 MHz front-side bus or Quad-Core Intel Xeon Processor X5365 up to 3.0 GHz and up to 1333 MHz front-side bus
<b>Number of processors</b> (std/max)	1/2
<b>L2 cache</b>	2x2 MB (dual-core) or 2x4 MB (quad-core)
<b>Memory</b> <sup>1</sup> (std/max)	1 GB or 2 GB/48 GB Fully Buffered DIMM 667 MHz via 12 DIMM slots
<b>Expansion slots</b>	4 PCI-Express or 2 PCI-X and 2 PCI-Express
<b>Disk bays</b> (total)	Six 3.5" or eight 2.5" (SFF)
<b>Maximum internal storage</b> <sup>1,2</sup>	1.8 TB hot-swap SAS or 4.5 TB hot-swap SATA
<b>Network interface</b>	Integrated dual Gigabit Ethernet
<b>Power supply</b> (std/max)	835W 1/2 AC standard, DC power supply optional
<b>Hot-swap components</b>	Power supply, fans and hard disk drives
<b>RAID support</b>	Integrated RAID-0, -1, -10, optional RAID-5, -6
<b>Systems management</b>	IBM PowerExecutive (included with IBM Director), Integrated Service Processor, Diagnostic LEDs, drop-down light path diagnostics panel, Automatic Server Restart, optional Remote Supervisor Adapter II SlimLine, IBM Director, IBM ServerGuide™ and optional Remote Deployment Manager
<b>Operating systems supported</b>	Microsoft® Windows Server® 2003, Windows® 2000/Advanced Server, Red Hat Linux®, SUSE Linux, Novell NetWare, VMware ESX Server
<b>Limited warranty</b> <sup>3</sup>	3-year customer replaceable unit and onsite limited warranty

## For more information

### World Wide Web

U.S.	<a href="http://ibm.com/systems/x">ibm.com/systems/x</a>
Canada	<a href="http://ibm.com/ca/en/systems/x">ibm.com/ca/en/systems/x</a>
Extended Design Architecture™	<a href="http://ibm.com/servers/eserver/xda/index.html">ibm.com/servers/eserver/xda/index.html</a>

<sup>1</sup> Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives and/or memory and the population of all hard disk bays and memory slots with the largest currently supported drives available. When referring to variable speed CD-ROMs, CD-Rs, CD-RWs and DVDs, actual playback speed will vary and is often less than the maximum possible.

<sup>2</sup> When referring to storage capacity, GB = 1,000,000,000 bytes and TB = 1,000,000,000,000 bytes. Accessible capacity is less.

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