

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 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 four-core processor performance, the x3650 delivers rack-dense, dual-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. Power Executive 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 Vecteded Cooling and IBM PowerExecutive help keep your server cool. The result? Run two different 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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BUILT FOR MID-SIZED BUSINESS.



## 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   |
| <b>Number of processors</b> (std/max)          | 1/2   |
| <b>L2 cache</b>                                | 2x2MB   |
| <b>Memory</b> <sup>1</sup> (std/max)           | 1GB/48GB Fully Buffered DIMM 667 MHz via 12 DIMM slots  |
| <b>Expansion slots</b>                         | 4 PCI-E or 2 PCI-X and 2 PCI-Express  |
| <b>Disk bays</b> (total/hot-swap)              | 8/8   |
| <b>Maximum internal storage</b> <sup>1,2</sup> | 1.8TB hot-swap SAS  |
| <b>Network interface</b>                       | Integrated dual Gigabit Ethernet  |
| <b>Power supply</b> (std/max)                  | 835W 1/2  |
| <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 2.0 (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, 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 2.5   |
| <b>Limited warranty</b> <sup>3</sup>           | 3-year 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>                               |
| Xtended 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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