

## IBM System x3755



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### Highlights

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- ***Achieve outstanding performance at excellent starting prices***
- ***Outstanding leadership with IBM Xcelerated Memory Technology™***
- ***Deliver superb performance per watt with this cost-effective solution***

### **Superior performance through IBM innovation**

The IBM System x3755 provides breakthrough performance for general business computing at an entry price point with Quad-Core AMD Opteron™ processors. With the innovative IBM CPU Pass Thru card, delivering near linear performance and flexible configurations, the x3755 is uniquely advantaged in the industry. For instance, the x3755 configured with three processors plus the CPU Pass Thru card outperformed the HP DL585G2 by 27.7% configured with four processors<sup>1</sup>.

### **Memory leadership**

The x3755 excels at high-speed memory access—critical for mission-critical business applications and virtualized

environments. Delivering the memory speed through Xcelerated Memory Technology, the x3755 helps achieve low latency and high-speed access to memory data, especially for large memory configurations. It delivers up to 25% faster memory throughput, resulting in up to 15% better system performance. The x3755 provides outstanding memory price performance for general purpose computing environments.

### **Easy to use**

Ease of use and management features, such as the pull-down light path diagnostics panel, allow quick and easy identification of component failures, helping to maximize uptime. The x3755 provides some of the most comprehensive alerting with IBM Predictive Failure Analysis®. With light path diagnostics for major components such as hard disk drives, memory and CPU, along with fans, voltage regulator modules (VRMs) and power supplies, the x3755 delivers a full set of alerts to help keep your system running at maximum efficiency.

### **Get it now**

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## IBM System x3755 at a glance

<b>Form factor/height</b>	4U
<b>Processor</b> (max)	Quad-Core AMD Opteron™ Model 8360 SE (up to 2.5 GHz)
<b>Number of processors</b> (std/max)	1/4 or 2/4
<b>Cache</b> (max)	1 MB L2
<b>Memory</b> <sup>3</sup> (max)	128 GB DDR II 667 MHz
<b>Expansion slots</b>	7 total: 4 PCI-Express (1) x16; (2) x8; (1) x4 and 2 PCI-X (133 MHz/100 MHz); 1 HTx (half-length)
<b>Disk bays (total/hot-swap)</b>	4/4
<b>Maximum internal storage</b> <sup>3,4</sup>	1.2 TB (4 x 300 GB)
<b>Network interface</b>	Integrated dual Gigabit Ethernet
<b>Power supply</b> (std/max)	1500W (1/2)
<b>Hot-swap components</b>	Power supply, HDDs, cooling fans
<b>RAID support</b>	Integrated RAID-0, -1, -10, RAID-5 optional
<b>Systems management</b>	Baseboard Management Controller IPMI 2.0 standard, optional RSA II SlimLine
<b>Operating systems supported</b>	Microsoft® Windows® 2003 (32-bit/64-bit), Red Hat Enterprise Linux® 4.0 (32-bit/64-bit), SUSE Linux Enterprise Server 9.0 (32-bit/64-bit), VMware ESX Server 3.0
<b>Limited warranty</b> <sup>5</sup>	3-year customer replaceable unit and onsite limited warranty

## For more information

### World Wide Web

U.S.

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

Canada

[ibm.com/ca/en/systems/x](http://ibm.com/ca/en/systems/x)

<sup>1</sup> Visit [www.lionbridge.com/lionbridge/en-US/services/outsourced-testing/competitive-analysis/ibm.htm](http://www.lionbridge.com/lionbridge/en-US/services/outsourced-testing/competitive-analysis/ibm.htm) for more information.

<sup>2</sup> The x3755 runs all eight DIMM slots at 667 MHz whereas the competition clocks down to 533 MHz when more than four DIMMS are populated.

<sup>3</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 capacity 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>4</sup> When referring to storage capacity, TB = 1,000,000,000,000 bytes. Accessible capacity is less.

<sup>5</sup> IBM hardware products are made from new parts, or new and serviceable used parts. Regardless, our warranty terms apply. For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services, including those designated as ServerProven® or ClusterProven®.

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Performance is in Internal Throughput Rate (ITR) ratio based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput improvements equivalent to the performance ratios stated here.

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