

Uncompromised platform with 2-socket pricing and 4-socket performance



IBM System x3755



Highlights

- **Entry 2-socket pricing in a 4-socket package**
- **Outstanding leadership with IBM Xcelerated Memory Technology™**
- **Deliver superb performance per watt with this cost-effective solution**

2+2 leadership platform

The IBM System x3755 provides breakthrough entry pricing with two Quad-Core AMD Opteron™ processors delivering the performance necessary for general business computing. The innovative IBM CPU Pass Thru card delivers near linear performance and flexible configurations with headroom to grow in one-CPU increments, providing real savings without sacrificing performance. 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.¹

Memory leadership

The x3755 excels at high-speed memory access through Xcelerated Memory Technology, running at a full 667 MHz even with fully-populated DIMMs. It delivers up to 25% faster memory throughput, resulting in up to 15% better system performance.² The x3755 provides outstanding memory price performance for general purpose computing environments, mission-critical business applications and virtualized environments.

Easy to use

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

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IBM System x3755 at a glance

Form factor/height	4U
Processor (max)	Quad-Core AMD Opteron™ Model 8384 (up to 2.7 GHz)
Number of processors (std/max)	2/4
Cache (max)	6 MB L3
Memory ³ (max)	128 GB DDR II 667 MHz
Expansion slots	7 total: 4 PCI-Express (1) x16; (2) x8; (1) x4 and 2 PCI-X (133 MHz/100 MHz); 1 HTx
Disk bays (total/hot-swap)	4/4
Maximum internal storage ^{3,4}	1.2 TB (4 x 300 GB)
Network interface	Integrated dual Gigabit Ethernet
Power supply (std/max)	1500W (1/2)
Hot-swap components	Power supply, HDDs, cooling fans
RAID support	Integrated RAID-0, -1, -10, RAID-5 optional
Systems management	Baseboard Management Controller IPMI 2.0 standard, optional RSA II SlimLine
Operating systems supported	Microsoft® Windows® 2008 (32-bit/64-bit), Microsoft Windows 2003 (32-bit/64-bit), Red Hat Enterprise Linux® 5.0, SUSE Linux Enterprise Server 10.0
Limited warranty ⁵	3-year customer replaceable unit and onsite limited warranty

World Wide Web

U.S.

ibm.com/systems/x

Canada

ibm.com/ca/en/systems/x

¹ Visit www.lionbridge.com/lionbridge/en-US/services/outsourced-testing/competitive-analysis/ibm.html for more information.

² The x3755 runs eight DIMM slots at 667 MHz but the competition clocks down to 533 MHz when more than four DIMMS are populated.

³ 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.

⁴ When referring to storage capacity, TB = 1,000,000,000,000 bytes. Accessible capacity is less.

⁵ 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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