

Excellent performance for general-purpose applications at a minimal investment



IBM System x3655



Highlights

- ***Manage growth and complexity by using new integrated solutions to easily manage your resources***
- ***Improve reliability and mitigate potential risk through optional redundant hardware solutions***
- ***Go green and save through efficient power management, systems management and deployment***

Entry 2U server

The IBM System x3655 is a low-cost, dual-socket server that is optimized for general-purpose computing. It provides flexibility and scalability while offering multiple levels of price/performance.

The x3655 provides quad-core performance at an entry-level price. With features such as low-cost processors, 16 available DIMMs with up to 64 GB of DDR II memory, and robust I/O, customers can configure to meet their needs.

The x3655 offers low-cost DDR II memory when compared with competitive servers. Also, 16 available DIMMs allow customers to scale memory

incrementally as needed, lowering total cost of ownership (TCO) for customers. Several models come standard with lower-cost SATA hard disk drives, further decreasing TCO.

IBM Systems Director Active Energy Manager™ delivers advanced control to help monitor power usage and achieve decreased power and cooling costs. Grow your compute power without growing your data center.

Leverage AMD Opteron™ processor performance and IBM reliability to help improve your competitiveness.

Select configurations of the x3655 are part of the IBM Express Advantage Portfolio™, designed and priced to meet the needs of mid-sized businesses. Easy to manage, Express models/configurations vary by country.

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IBM System x3655 at a glance

Form factor/height	2U
Processor (max)	Quad-Core AMD Opteron Model 2344 HE (1.7 GHz), 2352 (2.1 GHz) or 2356 (2.3 GHz)
Number of processors (std/max)	1/2
Memory ¹ (max)	64 GB DDR II 667 MHz via 16 DIMMs
Expansion slots	Standard: 2 PCI-Express x8 (low-profile) and 1 PCI-Express x4 (low-profile); Optional: 1 HTx (full-height/full-length) Riser, 1 PCI-X 133 MHz (full-height/full-length) or 1 PCI-Express x16 (full-height/full-length) Riser
Disk bays (total/hot-swap)	Eight SFF (2.5") hot-swap SAS hard disk drives (HDDs) or six 3.5" hot-swap SAS/SATA HDDs
Maximum internal storage ^{1,2}	1.8 TB hot-swap SAS or 4.5 TB hot-swap SATA
Network interface	Integrated dual Gigabit Ethernet with TCP/IP Offload Engine (TOE)
Power supply (std/max)	835W 1/2
Hot-swap components	Power supply, hard disk drives, cooling fans
RAID support	RAID-0, -1, -10 standard, RAID-5, -6, -10, -50, -60 and battery backup optional
Systems management	Baseboard Management Controller IPMI 2.0 standard, Remote Supervisor Adapter II SlimLine optional
Operating systems supported	Microsoft® Windows Server® 2008, Microsoft Windows® Small Business Server, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server, VMware ESX Server
Limited warranty ³	3-year customer replaceable unit and onsite limited warranty

For more information

World Wide Web

U.S.

ibm.com/systems/x

Canada

ibm.com/ca/en/systems/x

¹ 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.

² GB and TB = 1,000,000,000 and 1,000,000,000,000 bytes, respectively, when referring to storage capacity. Accessible capacity is less.

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