Security, simplicity, efficiency and reliability—delivered at the right price

IBM System x3200 M3

Highlights

- ***Boost productivity with new high-performance capabilities, vast memory and expanded storage capacity***
- ***Save on energy costs with integrated power management tools***
- ***Improve manageability and security with powerful built-in features***

The IBM® System x3200 M3 offers enhanced performance to help you take on the dynamic challenges of running IT with an emphasis on security, simplicity, efficiency and reliability—delivered at the right price in a single-socket tower server.

High-performance capabilities

The x3200 M3 supports the latest Intel® Xeon® quad-core processors for exceptional performance. Because your organization must manage growing volumes of data while maintaining high performance, the x3200 M3 offers vast memory capacity and disk storage.

Efficient power management

To enable energy savings, the x3200 M3 provides high-efficiency power supplies (model dependent) and support for IBM Systems Director Active Energy Manager™, an energy usage monitoring tool.

Superior manageability and security

Managing your IT environment and addressing security concerns don't have to be difficult, resource-intensive tasks. The x3200 M3 offers enhanced manageability and security to help you streamline processes with features such as the Integrated Management Module (IMM) and Trusted Platform Module (TPM) 1.2.

Select configurations of the x3200 M3 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.

System x3200 M3 at a glance

Form factor/height	Tower/5U (rack mountable)
Processor (CPU GHz/L3 cache/front-side bus MHz max)	Intel Xeon 3400 Series (quad-core) up to 2.93 GHz/8 MB/ 1333 MHz
Number of processors (std/max)	1/1
Cache (max)	8 MB L3
Memory[1] (max)	Up to 32 GB DDR-3 ECC memory, up to 1333 MHz; 1 GB, 2 GB and 4 GB UDIMMs[2] and 1 GB, 2 GB, 4 GB and 8 GB RDIMMs[2]
Expansion slots	Two PCIe x8 Gen2, one PCIe x1, two PCI (32-bit/33 MHz), all slots are full-length and standard height, one dedicated PCIe x4 for RAID-0, -1 controller
Disk bays (total/hot-swap)	Four 3.5" simple-swap or hot-swap SATA hard disk drives (HDDs). Eight 2.5" hot-swap SAS HDDs (available through sales configuration tool January 2010)
Maximum internal storage[1, 3]	Up to 4.0 TB SAS or SATA HDDs
Network interface	Dual Gigabit Ethernet
Power supply (std/max)	401 W fixed 1/1 or 430 W hot-swap redundant 2/2
Hot-swap components	Four 3.5" hot-swap SATA HDDs, eight 2.5" hot-swap SAS HDDs (2.5" HDD cage available through sales configuration tool January 2010)
RAID support	Hot-swap hardware RAID-0, -1 (standard), simple-swap hardware RAID-0, -1 (optional); upgrade to RAID-5 optional; encrypted RAID-5 optional
Ports	Seven USB (2 front/4 rear/1 internal), two Ethernet, one serial and video
Systems management	Integrated Management Module (IMM) with IPMI 2.0 and Serial over LAN (SOL), IBM Systems Director, Alert Standard Format 2.0, IBM ServerGuide, hardware Virtual Media Key for optional remote presence, Trusted Platform Module (TPM) 1.2
Operating systems supported	Microsoft® Windows Server 2008 Enterprise Edition, Enterprise x64 Edition, Standard Edition, Standard x64 Edition, DataCenter Edition, DataCenter x64 Edition, Windows® Small Business Server 2008, Red Hat Linux®, SUSE Linux
Limited warranty[4]	1-year or 3-year customer replaceable unit and onsite limited warranty

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[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 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.

[2] Maximum UDIMM support for 16 GB when 4 GB DIMMs are available 1Q 2010, and maximum RDIMM support for 32 GB when 8 GB DIMMs are available 1Q 2010.

[3] 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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