IBM

IBM System x3250 M3

The IBM® System x3250 M3 is a single-socket server that offers new levels of performance and flexibility to help you respond quickly to changing business demands. Cost-effective and compact, it is well-suited for small to mid-sized businesses as well as large enterprises, whether for general-purpose workloads or specialized applications.

Highlights

■ *Maximize performance with the latest Intel technology in a robust, flexible platform*

■ *Achieve energy savings with built-in power management tools*

■ *Minimize risks with easy serviceability and maintenance*

Amplify your performance

Built with the latest Intel® Xeon® 3400 Series processors, the x3250 M3 has industry-leading computing capabilities in a small, 1U footprint. It also offers substantial memory and storage capacity to help you manage your data efficiently.

Save on energy costs

The x3250 M3 features support for IBM Systems Director Active Energy Manager™ to help you monitor and control power consumption in your IT environment. An option to upgrade to a high-efficiency power supply is also available.

Easy serviceability

To help you stay focused on your core business, the x3250 M3 offers easy deployment, update management and much more with its built-in IBM Tool Center. It delivers leadership reliability, management and flexibility while helping you protect your IT investments and lower your operating costs.

Select configurations of the x3250 M3 are part of the IBM Express Advantage™ Portfolio, designed to meet the needs of mid-sized businesses. Easy to manage, Express™ models/configurations vary by country.

System x3250 M3 at a glance

Form factor/height	Rack/1U
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]; 1 GB, 2 GB, 4 GB and 8 GB RDIMMs[2]
Expansion slots	2 PCIe x8 Gen2, dedicated PCIe x4 for RAID-0, -1, optional PCI-X
Disk bays (total/hot-swap)	Two 3.5" simple-swap SATA or 3.5" hot-swap SAS/SATA, or four 2.5" hot-swap SAS HDDs
Maximum internal storage[1, 3]	2.0 TB SATA or SAS
Network interface	Dual Gigabit Ethernet
Power supply (std/max)	351 W 1/1; optional high-efficiency power supply
Hot-swap components	Two 3.5" hot-swap SAS/SATA or four 2.5" hot-swap SAS HDDs
RAID support	Hot-swap hardware RAID-0, -1 (standard), simple swap hardware RAID-0, -1 (optional); optional RAID-5 and encryption RAID
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, Virtual Media Key (hardware 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

World Wide Web

[4] 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®.

Recyclable, please recycle.

[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.