

Highly affordable, reliable single-socket server for Web and infrastructure solutions



IBM System x3250



Highlights

- ***Deploy, manage and service with ease***
- ***A range of processor choices offering multiple levels of price/performance***
- ***Maximize and protect your IT investment thanks to strong platform stability***

The IBM System x3250 is a single-socket server that is easy to deploy, manage and service. It provides outstanding performance and reliability at an entry-level price.

Simplified computing

The x3250 provides remote monitoring and alerting capabilities that provide strong systems management. In addition:

- *Simple-swap and hot-swap hard disk drives (HDDs) offer easy serviceability without removing the system from the rack*
- *Optional upgrade to the Remote Supervisor Adapter II SlimLine for remote management even when the server is powered down*

- *Integrated hardware RAID-0 or RAID-1 without using a slot (select models)*
- *Rack-optimized, 1U form factor with the ability to support four 2.5" SAS HDDs*

Performance, protection at entry-level price

Designed for high-performance, dual-core 64-bit processors, the x3250 can optimize performance of your Web and network infrastructure. For a performance boost, choose models with Intel® Xeon® or Intel Pentium® D processors, while those running less demanding applications may prefer the Intel Celeron® processor.

Serial Attached SCSI (SAS) HDDs and PCI-Express ensure even greater integrated I/O performance and compatibility with next-generation devices for added long-term investment protection.

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IBM System x3250 at a glance

| | |
|---|---|
| Form factor/height | Rack (22" depth)/5U |
| Processor (L2 cache/CPU GHz/ front-side bus MHz max) | Intel Xeon (dual-core) (2MB or 4MB/up to 2.4 GHz/1066 MHz) or Intel Pentium D (dual-core) (4MB/up to 3.4 GHz/800 MHz) or Intel Celeron (256KB/2.93 GHz/533 MHz) |
| Number of processors (std/max) | 1/1 |
| Memory ¹ (std/max) | 512MB or 1GB/8GB DDR II 667 MHz via 4 DIMM slots |
| Expansion slots | 2 PCI-Express (x8) |
| Disk bays (total/hot-swap) | Up to two 3.5" simple swap Serial ATA or two 3.5" hot-swap Serial ATA or Serial Attached SCSI (SAS) hard disk drives, or four 2.5" hot-swap SAS |
| Maximum internal storage ^{1,2} | 1.0TB Serial ATA or 600GB Serial Attached SCSI |
| Network interface | Dual Gigabit Ethernet |
| Power supply (std/max) | 350W 1/1 |
| Hot-swap components | Serial ATA and Serial Attached SCSI hard disk drives |
| RAID support | Integrated hardware RAID-0, -1 (model dependent) |
| Ports | Front: two USB; Rear: serial, two USB, two Ethernet, video, mouse, keyboard |
| Systems management | IPMI 1.5-compliant mini-BMC, Automatic Server Restart, IBM Director, IBM ServerGuide™, Remote Deployment Manager, IBM Wake on LAN®, optional Remote Supervisor Adapter II SlimLine |
| Operating systems supported | Microsoft® Windows® Server™ 2003 Standard Edition/Enterprise Edition/Web Edition, Windows Small Business Server 2003, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server, Windows 2000 Server and Advanced Server, Novell NetWare 6.5, Novell NetWare 6.5 Open Enterprise Server |
| Limited warranty ³ | 1-year or 3-year onsite limited warranty |

For more information

World Wide Web

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Reseller locator and generation information

| | |
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| U.S. | 1 800 426-4968 |
| Canada | 1 800 426-2255 |

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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