

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



IBM System x3250



Highlights

- **Lower cost with ease of management, deployment and service**
- **Maximise and protect your IT investment with resiliency and flexibility**
- **A range of processor choices offering multiple levels of price/performance.**

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 (RSA) 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-optimised, 22' deep form factor with the ability to support four 2.5" Serial Attached SCSI (SAS), HDDs.*

Performance, protection at entry-level price

Designed for high-performance, quad-core and dual-core 64-bit processors, the x3250 can optimise 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.

SAS HDDs and PCI-Express ensure even greater integrated input/output (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)/1U
Processor (L2 cache/CPU GHz/ front-side bus MHz max)	Intel Xeon (quad-core) (8MB/up to 2.4 GHz/1066 MHz) or 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 Double Data Rate (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 Advanced Technology Attachment (SATA), or two 3.5" hot-swap SATA or SAS HDDs, or four 2.5" hot-swap SAS
Maximum internal storage ^{1,2}	1.0TB SATA or 600GB SAS
Network interface	Dual Gigabit Ethernet (GbE)
Power supply (std/max)	350W 1/1
Hot-swap components	SATA and SAS HDDs
RAID support	Integrated hardware RAID-0, -1 (model dependent) and RAID-5, optional
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 RSA 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	One year or three year on-site limited warranty

For more information:

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Options	ibm.com/servers/eserver/serverproven/compat/us
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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 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.

³ Warranty information: For a copy of applicable product warranties, contact your local IBM sales representative or visit: ibm.com/servers/support/machine_warranties IBM makes no representation or warranty regarding third-party products or services. Telephone support may be subject to additional charges. For on-site labour, IBM will attempt to diagnose and resolve the problem remotely before sending a technician.



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