IBM System x3250 M3

Flexible functionality in a 1U server at a compact price

Highlights

- Maximise performance with the latest Intel® technology in a robust, flexible platform

- Achieve energy savings with built-in power management tools

- Minimise risks with easy serviceability and maintenance.

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 medium sized businesses (SMBs) as well as large enterprises (LEs), whether for general-purpose workloads or specialised applications.

Amplify your performance

Built with the latest Intel Xeon® 3400 Series or Celeron®, Pentium® or Core™ i3 dual-core processors, the x3250 M3 has excellent 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.
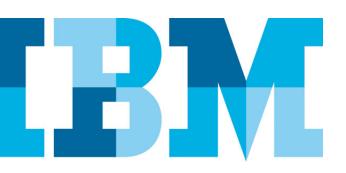
Easy serviceability

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 Centre. 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.

For more information

World Wide Web
U.K. **ibm.com**/systems/x/uk/
U.S. **ibm.com**/systems/x/
Canada **ibm.com**/ca/en/systems/x

System x3250 M3 at a glance

Form factor/height	Rack/1U
Processor (Central Processing Unit (CPU) GHz/Level 3 (L3) cache/front-side bus MHz max)	Intel Xeon 3400 Series (quad-core) up to 3.06 GHz/8 MB/1333 MHz or Intel Celeron, Pentium or Core i3 (dual-core) up to 3.2 GHz/4 MB/1333 MHz
Number of processors (std/max)	One/one
Cache (max)	8 MB Level 3 (L3)
Memory (max)	Up to 32 GB Double Data Rate 3 (DDR-3) Error Checking and Correction (ECC) memory, up to 1333 MHz; 1 GB, 2 GB, 4 GB Unregistered Dual Inline Memory Modules (UDIMMs); 1 GB, 2 GB, 4 GB, 8 GB Registered DIMMS (RDIMMs)
Expansion slots	Two PCIe x8 Gen2, dedicated PCIe x4 for Redundant Array of Independent Disk (RAID)-0, -1, optional PCI-X (CTO or special bid only)
Disk bays (total/hot-swap)	Two 3.5" simple-swap Serial Advanced Technology Attachment (SATA) or 3.5" hot-swap Serial Attached SCSI (SAS)/SATA, or four 2.5" hot-swap SAS hard disk drives (HDDs)
Maximum internal storage	4.0 TeraByte (TB) SATA or 2.4 TB SAS. Optical drive device optional
Network interface	Dual Gigabit Ethernet (GbE)
Power supply (std/max)	351 W one/one
Hot-swap components	Two 3.5" hot-swap SAS/SATA or four 2.5" hot-swap SAS HDDs
RAID support	Hot-swap models- hardware RAID-0, -1 (standard); Simple swap models- hardware RAID-0, -1 (optional); optional RAID-5
Ports	Seven Universal Serial Bus (USB) two Ethernet, one serial and video
Systems management	Integrated Management Module (IMM) with IPMI 2.0 and Serial over LAN (SOL), IBM Systems Director, ServerGuide, optional Virtual media key, Trusted Platform Module (TPM) 1.2
Operating systems supported	Microsoft® Windows® Server 2008 STD, EE, R2/Microsoft Windows Server 2008 x64 STD, EE, DC/Windows Small Business Server 2008, Red Hat Linux®, SUSE Linux
Limited warranty	One or three year customer replaceable unit (CRU)/on-site limited warranty

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