



Highlights

- Meet growing performance and storage demands with a cost-effective, high-capacity solution
- Achieve high levels of system availability, backed by IBM's legendary support
- Design the configuration that meets your needs today, with the freedom to upgrade as needs change over time



IBM System x3630 M3

A storage-rich dual-socket server at a value price

Outstanding storage value

The IBM System x3630 M3 is a storage-rich dual-socket 2U server that integrates the leadership features of traditional enterprise server offerings with affordable components to deliver outstanding value to cost-conscious buyers. Based on the latest Intel® Xeon® processor technology, the x3630 M3 offers high performance and maximum storage capacity. It provides up to 28 TB of internal storage capacity for a much lower cost per terabyte than external storage, making it an ideal solution for storage-intensive workloads.

Highly reliable performance

The x3630 M3 helps keep your business running smoothly with availability features that include redundant cooling fan modules and hot-swap/redundant power supplies, RAID protection, and predictive failure analysis. The x3630 M3 also offers a comprehensive suite of systems management tools that help simplify management tasks.

Designed for affordable growth

With the flexible design of the x3630 M3, you can choose the configuration that meets your needs today, knowing you can easily upgrade to more robust features as your needs change over time. With energy-efficient components that help reduce operating costs, the x3630 M3 is a cost-optimized offering that delivers value over the long term.

Select configurations of the x3630 M3 are part of the IBM Express Advantage® Portfolio designed to meet the needs of mid-sized businesses. Easy to manage, Express® models and configurations vary by country.





IBM System x3630 M3 at a glance

Form factor/height	Rack/2U
Processor (max)	Up to two 3.06 GHz 6-core (3.20 GHz 4-core) Intel Xeon 5600 series processors with QuickPath Interconnect technology, up to 1333 MHz memory access speed
Number of processors (std/max)	1/2
Cache (max)	Up to 12 MB L3
Memory (max)	Up to 192 GB DDR-3 RDIMM memory via 12 DIMM slots
Expansion slots	2 PCIe slots ¹
Disk bays (total/hot-swap)	Up to 14 3.5" hot-swap SAS/SATA or up to 28 2.5" hot-swap SAS/SATA
Maximum internal storage	Up to 28 TB
Network interface	Dual Gigabit Ethernet
Power supply (std/max)	1/2; 675 W, 675 W HE each
Hot-swap components	Power supplies, hard disk drives
RAID support	6 Gbps RAID -0, -1, -10 standard, upgradeable to hardware RAID-5 or RAID-6 (model dependent)
Systems management	IBM Systems Director, IBM Systems Director Active Energy Manager™, IMM (Integrated Management Module) with IPMI 2.0 support, UEFI (Unified Extensible Firmware Interface), IBM ToolsCenter, status LEDs
Operating systems supported	Microsoft® Windows® Server, Red Hat Linux®, SUSE Linux, VMware
Limited warranty	3-year customer replaceable unit and onsite limited warranty

© Copyright IBM Corporation 2011

IBM Systems and Technology Group
Route 100
Somers, New York 10589

Produced in the United States of America
February 2011
All Rights Reserved

IBM, the IBM logo, ibm.com, Active Energy Manager, Express, Express Advantage and System x are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at ibm.com/legal/copytrade.shtml

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft and Microsoft Windows Server are trademarks or registered trademarks of Microsoft Corporation in the United States, other countries, or both

Other company, product or service names may be trademarks or service marks of others.

¹ Although there is a physical x16/x4 low-profile slot in the server, there are no adapters supported for use in that slot.



Please Recycle

For more information

To learn more about the IBM System x3630 M3, contact your IBM marketing representative or IBM Business Partner, or visit:

ibm.com/systems/x