



---

## Highlights

- Delivers robust performance at a competitive entry-server price
- Offers flexibility in an optimized compact design
- Combines reliability and simple installation with innovative management technology



# IBM System x3100 M4

*Robust performance in a value-priced compact tower server*

## Robust performance at an entry-level price

With support for the latest Intel Xeon and Core i3 processor technology, the IBM System x3100 M4 delivers strong performance for the price in a single-socket tower. Advanced features and functions, which come standard, include innovative integrated RAID capability, 1600 MHz dependable server-class memory, energy efficiency, low-cost tower-to-rack kit and high-capacity storage options for enhanced availability.

## Ultra-small, flexible design

Extremely compact, the x3100 M4 fits easily in small spaces. Flexible, configure-to-order capabilities can provide the capacity and features you need, with multiple upgrade options to help meet future growth.

## Innovative technology

Tested and certified by IBM, the x3100 M4 delivers leadership dependability and systems management. The optional advanced RAID helps protect your data, while dual-networking adapters offer greater network bandwidth and redundancy. A full set of powerful integrated systems management tools makes the x3100 M4 easy to install and service.

Select configurations of the x3100 M4 are part of the IBM Express Advantage™ Portfolio designed to meet the needs of small and mid-sized businesses. Easy to manage, Express™ models and configurations vary by country.



## IBM System x3100 M4 at a glance

<b>Form factor/height</b>	Tower
<b>Processor</b> (max)	Intel Xeon E3-1200v2 series (quad-core) up to 3.6 GHz/8 MB/1600 MHz, Intel Core i3 2100 series (dual-core) up to 3.4 GHz/3 MB/1333 MHz, Pentium (dual-core) up to 3.0 GHz/3 MB/1333 MHz and low-cost Celeron
<b>Number of processors</b> (std/max)	1/1
<b>Cache</b> (max)	8 MB (processor and model dependent)
<b>Memory</b> (max)	1 × 4 GB standard, maximum 32 GB 1600 MHz DDR-3 UDIMMs via 4 DIMM slots
<b>Expansion slots</b>	4 PCIe slots (x16, x8, x4, x1)
<b>Disk bays</b> (total)	3.5" simple swap 4 Serial ATA (SATA) or 2.5" hot-swap 8 SAS/SATA
<b>Maximum internal storage</b>	16 TB 3.5" simple swap SATA or 8 TB 2.5" hot-swap SAS/SATA
<b>Network interface</b>	Integrated dual Gigabit Ethernet
<b>Power supply</b> (std/max)	350 W fixed or 80-PLUS® certified 300 W fixed (4U model with 3.5" simple-swap HDDs, model dependent)/430 W hot-swap redundant power supply (5U model with 2.5" hot-swap HDDs)
<b>RAID support</b>	ServeRAID-C100 for System x supports integrated RAID-0, -1; supports hardware RAID-0, -1, -10, -5, -6 for advanced data protection
<b>Systems management</b>	IMM2 with optional upgrade key to Remote presence
<b>Operating systems supported</b>	Microsoft Windows Server 2012/Microsoft Windows Server 2008 R2/Microsoft Windows Server 2008, SBS 2011, Red Hat Linux, SUSE Linux
<b>Limited warranty</b>	1-year customer replaceable unit and onsite limited warranty



© Copyright IBM Corporation 2012

IBM Systems and Technology Group  
Route 100  
Somers, NY 10589

Produced in the United States of America  
July 2012

IBM, the IBM logo, [ibm.com](http://ibm.com), and System x are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml)

Intel, Core and Xeon are 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, Windows Server and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

IBM products are warranted according to the terms and conditions of the agreements under which they are provided.



Please Recycle

## For more information

To learn more about the x3100 M4 visit: [ibm.com/systems/x](http://ibm.com/systems/x) or contact your IBM representative or IBM Business Partner.