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 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

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 Express Portfolio™, designed to meet the needs of small and midsized businesses. Easy to manage, these models and configurations vary by country.

(intel)
inside™
XEON®

Specifications

Form factor/height	Tower
Processor (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
Number of processors (std/max)	1/1
Cache (max)	8 MB (processor and model dependent)
Memory (max)	1 × 4 GB standard, maximum 32 GB 1600 MHz DDR-3 UDIMMs via 4 DIMM slots
Expansion slots	4 PCIe slots (x16, x8, x4, x1)
Disk bays (total)	3.5" simple swap 4 Serial ATA (SATA) or 2.5" hot-swap 8 SAS/SATA
Maximum internal storage	16 TB 3.5" simple swap SATA or 8 TB 2.5" hot-swap SAS/SATA
Network interface	Integrated dual Gigabit Ethernet
Power supply (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)
RAID support	ServeRAID™-C100 for System x® supports integrated RAID-0, -1; supports hardware RAID-0, -1, -10, -5, -6 for advanced data protection
Systems management	IMM2 with optional upgrade key to Remote presence
Operating systems supported	Microsoft Windows Server 2012/Microsoft Windows Server 2008 R2/Microsoft Windows Server 2008, SBS 2011, Red Hat Linux, SUSE Linux
Limited warranty	1-year customer replaceable unit and onsite limited warranty

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

For more information

To learn more about the x3100 M4 visit: **ibm.com**/systems/x or contact your Lenovo representative or Business Partner.

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