

# LENOVO SYSTEM x3100 M5

Reliability, performance in a tower



The single-socket System x3100 M5 server provides business-class reliability and performance in a compact tower, optimized for small to medium-sized businesses and distributed environments. Equipped with the latest Intel® Xeon® E3-1200 processors, USB 3.0 for fast data transfer, and four levels of RAID for enhanced data protection, the x3100 M5 brings new levels of performance to your workloads. This efficient tower offers upgrade potential when your requirements grow.

## RELIABILITY, PERFORMANCE

Whether your workloads include basic infrastructure, web server, or file and print, the x3100 M5 delivers. Choose your storage preference from models with four 3.5-inch simple-swap HDD bays, or get the hot-swap versatility of eight 2.5-inch bays or four 3.5-inch hot-swap bays. Business-class reliability features—such as standard RAID, basic light path diagnostics, and optional redundant power supplies and fans—protect your data and facilitate outstanding uptime for your business at great value. Select configurations of the x3100 M5 are part of the TopSeller Portfolio™, designed to meet the needs of small and midsized businesses. Easy to manage, TopSeller models vary by country.

## WHY LENOVO

Lenovo 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. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

## FOR MORE INFORMATION

For more information about the System x3100 M5, or to contact a Lenovo Business Partner, visit: [lenovo.com/systems/servers](http://lenovo.com/systems/servers)



[WWW.LENOVO.COM](http://WWW.LENOVO.COM)

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## SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| FORM FACTOR/HEIGHT          | 4U/5U with tower-to-rack kit  |
| PROCESSOR (MAX)             | Up to one Intel® Xeon® processor E3-1200 v3 series (quad-core), Core™ i3 series (dual-core), Pentium® series (dual-core), or Celeron® processor (dual-core) |
| CACHE/MEMORY                | Up to 8 MB per processor (model dependent)/Up to 32 GB via four slots (UDIMM)   |
| MEDIA BAYS                  | Up to two 5.25-inch half-high bays, support for DVD-ROM or multiburner, half-high SATA DVD-ROM standard in standard models                                  |
| DISK BAYS (TOTAL)           | Up to four 3.5-inch or eight 2.5-inch hard disk drives (HDDs)   |
| RAID SUPPORT                | Integrated ServeRAID™ C100 RAID-0, -1, (RAID-5 upgrade via Feature on Demand (FoD)), optional hardware RAID-0, -1, -10 or RAID-5, -50 or RAID-6, -60*       |
| POWER SUPPLY (STD/MAX)      | 1/2 300 W or 350 W fixed (4U models); or 430 W 80 PLUS® Silver certified redundant power supply unit (5U models)  |
| HOT-SWAP COMPONENTS         | Up to four 3.5-inch or eight 2.5-inch HDDs, 460 W hot-swap redundant power supplies   |
| NETWORK INTERFACE           | 2 x 1 Gigabit Ethernet  |
| EXPANSION SLOTS             | Up to four PCIe (2 PCIe 3.0, 2 PCIe 2.0) slots (x16, x8, x8, x4 physical; x8, x8, x4, x1 electrical)  |
| USB PORTS                   | 2 front (USB 3.0)/4 back (USB 2.0)/2 internal   |
| INTERNAL STORAGE            | Up to 24 TB   |
| ENERGY EFFICIENCY           | Fixed power supply compliant with 80 PLUS Bronze, redundant power supply compliant with 80 PLUS Silver, 40° C operating temperature for wide ambient range  |
| SYSTEMS MANAGEMENT          | Integrated Management Module 2 (IMM2) standard with IMPI 2.0 and Serial over LAN, optional upgrade to remote presence via Feature on Demand                 |
| OPERATING SYSTEMS SUPPORTED | Microsoft Windows Server 2012/2008/R2, SBS 2011, Red Hat Enterprise Linux, SUSE Linux, VMware (subject to availability)                                     |
| LIMITED WARRANTY            | 1-year customer replaceable unit and on-site limited warranty, next business day 9x5, service upgrades available  |

\* RAID-60 support is available when all eight hard disk drives are populated.

## OPTIONS

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|---|---|---|
| <b>IBM 6 TB 7.2K 6Gbps NL SATA 3.5" G2SS 512e HDD</b><br><b>00FN178</b><br>Optimize storage with high density and low cost per GB hard drives | <b>IBM T1kVA Tower UPS ( 100V-125VAC) (200V-240VAC)</b><br><b>55951AX/55951KX</b><br>Efficient Tower UPS offers power protection, conditioning and backup | <b>8 GB PC3L-12800 CL11 ECC DDR3 1600 MHz LP UDIMM</b><br><b>00D5016</b><br>Add more memory to help improve the performance of all your workloads |
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