

Lenovo System x3550 M5 server (8869E3G)

Intel Xeon E5-2620v4 (20M Cache, 2.1GHz), 16GB DDR4 2133MHz, Raid M5210, 8x2.5" Hot swap, 4 x GbE, 1x750W



Price details:

Price excl. VAT: 2,667.03 €

Eco fees: 0.00 €

VAT 21 %: 560.08 €

Product details:

Product code: 8869E3G

EAN: 0889488411788

Manufacturer: Lenovo

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3,227.11 €

* VAT included

Highlights

- Optimize your workloads with choice of flexible storage-based configurations, designed for infrastructure basics to business-critical applications
- Reduce unplanned downtime and minimize costs with industry-leading reliability features and tools
- Simplify server management with Lenovo XClarity
- Safeguard enterprise data with built-in Lenovo Trusted Platform Assurance, an exclusive set of security features and practices, plus optional self-encrypting drives and IBM Security Key Lifecycle Manager
- Gain superior performance with Intel® Xeon® E5-2600 v4 processors (up to 44 cores per server), 1.5TB TruDDR4 2400MHz Memory, end-to-end 12Gbps RAID support-devices and infrastructure
- Reduce data center costs with smart energy-efficient features, including extended operating temperature, Titanium power supplies (up to 96 percent efficiency), active/standby power supply modes, dual fan zone design, TruDDR4 Memory (with up to 45 percent lower energy use over DDR3), and optional Lenovo XClarity Energy Manager
- Run more virtual machines and workloads with up to 22 percent more cores than the previous generation

Exceptional, Versatile Performance

The versatile 1U two-socket Lenovo System x3550 M5 rack server fuels almost any workload from infrastructure to Big Data with industry-leading reliability. It comes integrated with up to two Intel® Xeon® processors E5-2600 v4 series (44 cores per system), faster, energy-efficient TruDDR4 Memory, and up to 12 drives of storage. With 22 percent more cores per system than the previous generation and memory speeds up to 2400MHz, the x3550 M5 lets your workloads fly.

Industry-Leading Reliability

Lenovo servers have consistently achieved the highest reliability of all x86 servers, industry-wide. Predictive Failure Analysis and smart diagnostic tools facilitate reduced downtime and costs. Other high-availability features on the x3550 M5 include dual fan zones with redundant fans, as well as hot-swappable drives and power supplies.

Lenovo Trusted Platform Assurance, a built-in set of security features and practices, protects your hardware and firmware. You can also deploy self-encrypting drives using the optional IBM Security Key Lifecycle Manager.

Main specifications:

Processor

Processor frequency:	2.1 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2620V4
Processor cores:	8
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	20 MB
System bus rate:	8 GT/s

Processor socket:	LGA 2011-v3
Processor boost frequency:	3 GHz
Processor lithography:	14 nm
Processor threads:	16
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Tcase:	74 °C
Maximum internal memory supported by processor:	1536 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866,2133 MHz
Memory bandwidth supported by processor (max):	68.3 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	40
Processor package size:	52.5 x 51 mm
Supported instruction sets:	AVX 2.0
Processor code:	SR2R6
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	Y
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v4
Conflict Free processor:	Y

Memory

Internal memory:	16 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	192 GB
Memory slots:	12
Memory clock speed:	2133 MHz
ECC:	Y
Memory layout (slots x size):	1 x 16 GB

Storage

RAID support:	Y
RAID levels:	0,1,5,6,10,50,60
Number of hard drives supported:	16
Supported hard disk drive sizes:	2.5 "
Solid-state drive interface:	Serial ATA III,Serial Attached SCSI
Hot-swap:	Y

Graphics

Maximum graphics adapter memory:	16 MB
On-board graphics adapter:	Y

Networking

Ethernet LAN:	Y
Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet

Ports & interfaces

USB 2.0 ports quantity:	2
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	4
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	3

Expansion slots

PCI Express slots version:	3.0
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Design

Chassis type:	Rack (1U)
Redundant fans support:	Y

Performance

Compatible operating systems: Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere

Trusted Platform Module (TPM): Y

Processor special features

CPU configuration (max): 2
Enhanced Intel SpeedStep Technology: Y
Intel® Identity Protection Technology (Intel® IPT): Y
Intel Virtualization Technology for Directed I/O (VT-d): Y
Intel® Hyper Threading Technology (Intel® HTT): Y
Intel® Turbo Boost Technology: 2.0
Intel® vPro® Technology: Y
Intel Flex Memory Access: N
Intel® AES New Instructions (Intel® AES-NI): Y
Intel Trusted Execution Technology: Y
Intel Enhanced Halt State: Y
Intel VT-x with Extended Page Tables (EPT): Y
Intel Demand Based Switching: Y
Intel® Secure Key: Y
Intel TSX-NI: Y
Intel® OS Guard: Y
Intel 64: Y
Intel Virtualization Technology (VT-x): Y
Processor ARK ID: 92986

Power

Redundant power supply (RPS) support: Y
Power supply: 750 W
Number of redundant power supplies supported: 2
Number of redundant power supplies installed: 1
Number of main power supplies: 1

Weight & dimensions

Width: 429 mm
Depth: 734 mm
Height: 43 mm
Weight: 13800 g

Other features

Graphics adapter: G200eR2
Graphics adapter family: Matrox