



# Lenovo System x3550 M5 server Rack (1U) Intel® Xeon® E5 v4 E5-2630V4 2.2 GHz 16 GB DDR4-SDRAM 900 W

**Brand :** Lenovo

**Product family:** System

**Product code:** 8869KGU

**Product name :** x3550 M5



Intel Xeon Processor E5-2630 v4 (25M Cache, 2.20 GHz), 16GB RAM, Raid M5210-e, 4 x 2.5" Hot swap SATA/SAS, 4 x GbE, 1 x 900W redundant hot-swap

Lenovo System x3550 M5. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.2 GHz, Processor model: E5-2630V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. HDD size: 2.5", HDD interface: Serial ATA III, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 900 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)



Processor		Graphics	
Processor manufacturer *	Intel	Maximum graphics card memory	16 MB
Processor family *	Intel® Xeon® E5 v4	Network	
Processor model *	E5-2630V4	LAN controller	Broadcom BCM5719
Processor frequency *	2.2 GHz	Ethernet LAN	✓
Processor boost frequency	3.1 GHz	Cabling technology	10/100/1000Base-T(X)
Processor cores	10	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Processor cache	25 MB	Expansion slots	
Memory channels supported by processor	Quad	PCI Express slots version	3.0
Number of processors installed	1	Design	
Thermal Design Power (TDP)	85 W	Chassis type *	Rack (1U)
Processor cache type	Smart Cache	Redundant fans support	✓
System bus rate	8 GT/s	Performance	
Processor socket	LGA 2011-v3	Trusted Platform Module (TPM)	✓
Processor lithography	14 nm	Software	
Processor threads	20	Operating system installed *	✗
Processor operating modes	64-bit	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere
Stepping	R0	Processor special features	
Bus type	QPI	CPU configuration (max)	2
Number of QPI links	2	Enhanced Intel SpeedStep Technology	✓
Processor codename	Broadwell	Intel® Identity Protection Technology (Intel® IPT)	✗
Tcase	74 °C	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory supported by processor	1.54 TB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Turbo Boost Technology	2.0
Memory clock speeds supported by processor	1600,1866,2133 MHz	Intel Flex Memory Access	✗
Memory bandwidth supported by processor (max)	68.3 GB/s	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✓	Intel Trusted Execution Technology	✓
Execute Disable Bit	✓	Intel Enhanced Halt State	✓
Idle States	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Monitoring Technologies	✓	Intel Demand Based Switching	✓
Maximum number of PCI Express lanes	40	Intel® Secure Key	✓
Processor package size	45 x 52.5 mm	Intel TSX-NI	✓
Supported instruction sets	AVX 2.0		
Processor code	SR2R7		
Scalability	2S		
Physical Address Extension (PAE)	✓		

Processor		Processor special features	
Physical Address Extension (PAE)	46 bit	Intel® OS Guard	✓
Embedded options available	✗	Intel 64	✓
Processor series	Intel Xeon E5-2600 v4	Intel Identity Protection Technology version	0.00
Conflict-Free processor	✓	Intel Secure Key Technology version	1.00
Memory		Intel Virtualization Technology (VT-x)	✓
Internal memory *	16 GB	Intel TSX-NI version	1.00
Internal memory type *	DDR4-SDRAM	Processor ARK ID	92981
Memory slots	24	Power	
ECC	✓	Redundant power supply (RPS) support *	✓
Memory clock speed	2133 MHz	Power supply *	900 W
Memory layout (slots x size)	1 x 16 GB	Number of redundant power supplies supported	2
Storage		Number of main power supplies	1
HDD interface	Serial ATA III, Serial Attached SCSI (SAS)	Weight & dimensions	
HDD size	2.5"	Width	434 mm
Number of HDDs supported	4	Depth	734 mm
Supported HDD sizes	2.5"	Height	43 mm
SSD interface	Serial Attached SCSI (SAS)	Other features	
RAID support *	✓	Graphics card	G200eR2
Hot-swap	✓	S.M.A.R.T. support	✓
Optical drive type *	✗	Graphics card family	Matrox
Graphics			
On-board graphics card	✓		

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