



Lenovo System x3550 M5 server Rack (1U) Intel® Xeon® E5 v4 E5-2630V4 2.2 GHz 16 GB DDR4-SDRAM 750 W



Brand : Lenovo

Product family: System

Product code: 8869EKG

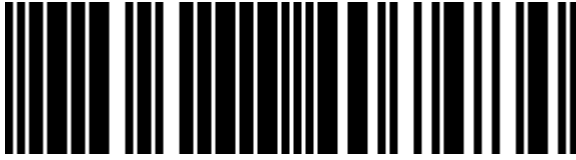
Product name : x3550 M5

Intel Xeon E5-2630 v4(25M Cache, 2.20 GHz), 16GB DDR3 2133MHz, Raid M5210-e, 4 x 2.5" Hot swap SATA/SAS, 4 x GbE, 1 x 750W 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: 750 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)

Processor		Network	
Processor manufacturer *	Intel	Cabling technology	10/100/1000Base-T(X)
Processor family *	Intel® Xeon® E5 v4	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Processor model *	E5-2630V4	Ports & interfaces	
Processor frequency *	2.2 GHz	Ethernet LAN (RJ-45) ports *	4
Processor boost frequency	3.1 GHz	USB 2.0 ports quantity	2
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
Processor cache	25 MB	VGA (D-Sub) ports quantity	2
Memory channels supported by processor	Quad	Serial ports quantity	1
Number of processors installed	1	Expansion slots	
Thermal Design Power (TDP)	85 W	PCI Express x8 (Gen 3.x) slots	1
Processor cache type	Smart Cache	PCI Express slots version	3.0
System bus rate	8 GT/s	Design	
Processor socket	LGA 2011-v3	Chassis type *	Rack (1U)
Processor lithography	14 nm	Performance	
Processor threads	20	Trusted Platform Module (TPM)	✓
Processor operating modes	64-bit	Software	
Stepping	R0	Operating system installed *	✗
Bus type	QPI	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSpher
Number of QPI links	2	Processor special features	
Processor codename	Broadwell	CPU configuration (max)	2
Tcase	74 °C	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	1.54 TB	Intel® Identity Protection Technology (Intel® IPT)	✗
Memory types supported by processor	DDR4-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speeds supported by processor	1600,1866,2133 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Memory bandwidth supported by processor (max)	68.3 GB/s	Intel® Turbo Boost Technology	2.0
ECC supported by processor	✓	Intel Flex Memory Access	✗
Execute Disable Bit	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Idle States	✓	Intel Trusted Execution Technology	✓
Thermal Monitoring Technologies	✓	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	40	Intel VT-x with Extended Page Tables (EPT)	✓
Processor package size	45 x 52.5 mm	Intel Demand Based Switching	✓
Supported instruction sets	AVX 2.0	Intel® Secure Key	✓
Processor code	SR2R7	Intel TSX-NI	✓
Scalability	2S		
Physical Address Extension (PAE)	✓		
Physical Address Extension (PAE)	46 bit		
Embedded options available	✗		
Processor series	Intel Xeon E5-2600 v4		

Processor		Processor special features	
Conflict-Free processor	✓	Intel® OS Guard	✓
Memory		Intel 64	✓
Internal memory *	16 GB	Intel Identity Protection Technology version	0.00
Internal memory type *	DDR4-SDRAM	Intel Secure Key Technology version	1.00
Memory slots	24	Intel Virtualization Technology (VT-x)	✓
ECC	✓	Intel TSX-NI version	1.00
Memory clock speed	2133 MHz	Processor ARK ID	92981
Memory layout (slots x size)	1 x 16 GB	Power	
Maximum internal memory *	384 GB	Redundant power supply (RPS) support *	✓
Storage		Power supply *	750 W
HDD interface	Serial ATA III, Serial Attached SCSI (SAS)	Number of redundant power supplies supported	2
HDD size	2.5"	Number of main power supplies	1
Number of HDDs supported	4	Weight & dimensions	
Supported HDD sizes	2.5"	Width	429 mm
SSD interface	Serial Attached SCSI (SAS)	Depth	734 mm
RAID support *	✓	Height	43 mm
RAID levels	0, 10	Weight	13.8 kg
Hot-swap	✓	Other features	
Optical drive type *	✗	Graphics card	G200eR2
Graphics		S.M.A.R.T. support	✓
On-board graphics card	✓	Graphics card family	Matrox
Maximum graphics card memory	16 MB		
Network			
LAN controller	Broadcom BCM5719		
Ethernet LAN	✓		



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