



Lenovo System x3550 M5 server Rack (1U) Intel® Xeon® E5 v4 E5-2650V4 2.2 GHz 16 GB DDR4-SDRAM 900 W

Brand : Lenovo

Product family: System

Product code: 8869KLU

Product name : x3550 M5



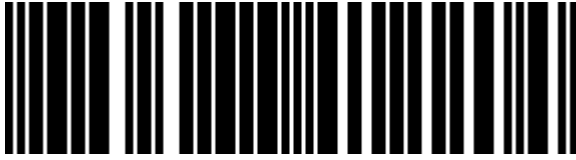
Intel Xeon E5-2650 v4(30M Cache, 2.20 GHz), 16GB RAM, Raid M5210-e, 4 x 2.5" Hot swap SATA/SAS, 4 x GbE, 1 x 900W redundant hot-swap

Lenovo System x3550 M5. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.2 GHz, Processor model: E5-2650V4. 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		Network	
Processor manufacturer *	Intel	LAN controller	Broadcom BCM5719
Processor family *	Intel® Xeon® E5 v4	Ethernet LAN	✓
Processor model *	E5-2650V4	Cabling technology	10/100/1000Base-T(X)
Processor frequency *	2.2 GHz	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Processor boost frequency	2.9 GHz	Ports & interfaces	
Processor cores	12	Serial ports quantity	1
Processor cache	30 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)	105 W	Chassis type *	Rack (1U)
Processor cache type	Smart Cache	Redundant fans support	✓
System bus rate	9.6 GT/s	Performance	
Processor socket	LGA 2011-v3	Trusted Platform Module (TPM)	✓
Processor lithography	14 nm	Software	
Processor threads	24	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	M0	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	80 °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	1600,1866,2133,2400 MHz	Intel Flex Memory Access	✗
Memory bandwidth supported by processor (max)	76.8 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	SR2N3		
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	91767
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
RAID levels	0, 10	S.M.A.R.T. support	✓
Hot-swap	✓	Graphics card family	Matrox
Optical drive type *	✗		
Graphics			
On-board graphics card	✓		
Maximum graphics card memory	16 MB		



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