



Lenovo System x3550 M5 server Rack (1U) Intel® Xeon® E5 v4 E5-2620V4 2.1 GHz 16 GB DDR4-SDRAM 550 W



Brand : Lenovo

Product family: System

Product code: 8869C4J

Product name : x3550 M5



Intel Xeon E5-2620v4 (20M Cache, 2.1GHz), 16GB DDR4 2133MHz, 4x 3.5", Matrox G200eR2 16MB, Raid M1215 (0/1/10), 4xGigabit Ethernet, 550W

Lenovo System x3550 M5. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.1 GHz, Processor model: E5-2620V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 550 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	4
Processor family *	Intel® Xeon® E5 v4	USB 2.0 ports quantity	2
Processor model *	E5-2620V4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
Processor frequency *	2.1 GHz	VGA (D-Sub) ports quantity	2
Processor boost frequency	3 GHz	Serial ports quantity	1
Processor cores	8	Expansion slots	
Processor cache	20 MB	PCI Express slots version	3.0
Motherboard chipset	Intel® C612	Design	
Memory channels supported by processor	Quad	Chassis type *	Rack (1U)
Number of processors installed	1	Performance	
Thermal Design Power (TDP)	85 W	Noise level	6.6 dB
Processor cache type	Smart Cache	Trusted Platform Module (TPM)	✓
System bus rate	8 GT/s	Software	
Processor socket	LGA 2011-v3	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere
Processor lithography	14 nm	Processor special features	
Processor threads	16	CPU configuration (max)	2
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Stepping	R0	Intel® Identity Protection Technology (Intel® IPT)	✗
Bus type	QPI	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of QPI links	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor codename	Broadwell	Intel® Turbo Boost Technology	2.0
Tcase	74 °C	Intel Flex Memory Access	✗
Maximum internal memory supported by processor	1.54 TB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by processor	DDR4-SDRAM	Intel Trusted Execution Technology	✓
Memory clock speeds supported by processor	1600,1866,2133 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	68.3 GB/s	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✓	Intel Demand Based Switching	✓
Execute Disable Bit	✓	Intel® Secure Key	✓
Idle States	✓	Intel TSX-NI	✓
Thermal Monitoring Technologies	✓	Intel® OS Guard	✓
Maximum number of PCI Express lanes	40	Intel 64	✓
Processor package size	45 x 52.5 mm	Intel Identity Protection Technology version	0.00
Supported instruction sets	AVX 2.0	Intel Secure Key Technology version	1.00
Processor code	SR2R6		
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 Virtualization Technology (VT-x)	✓
Memory		Intel TSX-NI version	1.00
Internal memory *	16 GB	Processor ARK ID	92986
Internal memory type *	DDR4-SDRAM	Power	
Memory slots	24	Redundant power supply (RPS) support *	✓
ECC	✓	Power supply *	550 W
Memory clock speed	2133 MHz	Number of redundant power supplies supported	2
Memory layout (slots x size)	1 x 16 GB	Number of main power supplies	1
Maximum internal memory *	768 GB	Operational conditions	
Storage		Operating temperature (T-T)	5 - 40 °C
Number of HDDs supported	4	Storage temperature (T-T)	5 - 45 °C
Supported HDD sizes	3.5"	Operating relative humidity (H-H)	8 - 85%
SSD interface	Serial Attached SCSI (SAS)	Storage relative humidity (H-H)	8 - 85%
RAID support *	✓	Operating altitude	0 - 3050 m
RAID levels	0, 1, 10	Weight & dimensions	
Supported RAID controllers	M1215	Width	434 mm
Hot-swap	✓	Depth	734 mm
Optical drive type *	✗	Height	43 mm
Graphics		Weight	13.8 kg
On-board graphics card	✓	Technical details	
On-board graphics card model	Matrox G200eR2	Sustainability certificates	ENERGY STAR
Maximum graphics card memory	16 MB		
Network			
Ethernet LAN	✓		
Cabling technology	10/100/1000Base-T(X)		
Ethernet interface type	Gigabit Ethernet		

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Publication date: 15-JAN-2024. Prints or copies of Information are only valid on the printed Publication date