



Lenovo ThinkSystem ST50 server Tower (4U) Intel Xeon E E-2146G 3,5 GHz 8 GB DDR4-SDRAM 250 W

Merk : Lenovo

Productfamilie: ThinkSystem

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Productnaam : ST50

Lenovo ThinkSystem ST50. Processorfamilie: Intel Xeon E, Frequentie van processor: 3,5 GHz, Processormodel: E-2146G. Intern geheugen: 8 GB, Intern geheugentype: DDR4-SDRAM, Geheugenlayout: 1 x 8 GB. Ethernet LAN, Bekabelingstechnologie: 10/100/1000Base-T(X). Soort optische drive: DVD±RW. Netvoeding: 250 W. Type behuizing: Tower (4U)



Processor		Netwerk	
Processorfabrikant *	Intel	Wifi	✗
Processorfamilie *	Intel Xeon E	Bluetooth	✗
Processormodel *	E-2146G	LAN controller	Intel I219LM
Frequentie van processor *	3,5 GHz	Ethernet LAN	✓
Maximale turbofrequentie van processor	4,5 GHz	Bekabelingstechnologie	10/100/1000Base-T(X)
Aantal processorkernen	6	Ethernet interface type	Gigabit Ethernet
Processor cache	12 MB	Poorten & interfaces	
Chipset moederbord	Intel C246	Aantal Ethernet LAN (RJ-45)-poorten *	1
Geheugenkanalen ondersteund door processor	Dual	Aantal USB 2.0-poorten	2
Aantal geïnstalleerde processoren	1	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A	4
Thermal Design Power (TDP)	80 W	Seriële poort(en)	1
Processor cache type	Smart Cache	Aantal DisplayPorts	2
Systeembus	8 GT/s	Uitbreidingsmodules	
Processor socket	LGA 1151 (Socket H4)	PCI Express x1 (Gen 3.x) slots	1
Processor lithografie	14 nm	PCI Express x16 (Gen 3.x) slots	2
Processor aantal threads	12	PCI Express slots versie	3.0
Processor operating modes	64-bit	Design	
Bus type	DMI3	Type behuizing *	Tower (4U)
Codenaam processor	Coffee Lake	Kleur van het product	Zwart
Tjunction	100 °C	Prestatie	
Maximaal intern geheugen ondersteund door processor	128 GB	Trusted Platform Module (TPM)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Trusted Platform Module (TPM) version	2.0
Klokgeheugen-snelheden ondersteund door processor	2666 MHz	Software	
Geheugenbandbreedte ondersteund door de processor (max)	41,6 GB/s	Compatibele besturingssystemen *	Microsoft Windows Server 2019/2016, Red Hat Enterprise Linux 7.5, VMware vSphere (ESXi) 6.5 U2
ECC ondersteund door processor	✓	Processor speciale functies	
Execute Disable Bit	✓	CPU configuratie (max)	1
Idle States	✓	Enhanced Intel SpeedStep Technology	✓
Thermal Monitoring Technologies	✓	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Maximaal aantal PCI Express-lijnen	16		
PCI Express configuraties	1x16, 2x8, 1x8+2x4		
Verpakkingsgrootte processor	37.5 x 37.5 mm		
Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2		
Schaalbaarheid	1S		

Processor		Processor speciale functies	
Ingebouwde opties beschikbaar	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Intel® Optane™ Memory Ready	✓	Intel® Turbo Boost Technology	2.0
Geheugen		Intel® Quick Sync Video Technology	✓
Intern geheugen *	8 GB	Intel® InTru™ 3D Technology	✓
Intern geheugentype *	DDR4-SDRAM	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Type gebufferd geheugen	Unregistered (unbuffered)	Intel® AES New Instructions (Intel® AES-NI)	✓
Geheugenslots	4x DIMM	Intel® Trusted Execution Technology	✓
Kloksnelheid geheugen	2666 MHz	Intel® Enhanced Halt State	✓
Geheugenlayout	1 x 8 GB	Intel® VT-x with Extended Page Tables (EPT)	✓
Maximum intern geheugen *	64 GB	Intel® Secure Key	✓
Opslagmedia		Intel® TSX-NI	✓
Maximum aantal HDD's per behuizing	4	Intel® OS Guard	✓
Ondersteunde HDD-groottes	2.5,3.5"	Intel® Clear Video-technologie	✓
RAID support *	✓	Intel® Software Guard Extensions (Intel® SGX)	✓
Soorten RAID	0, 1, 5, 10	Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✓
Soort optische drive *	DVD±RW	Intel® 64	✓
Grafisch		Versie Intel® Secure Key Technology	1,00
Aparte grafische adapter	✗	Intel® Virtualization Technology (VT-x)	✓
Ingebouwde grafische adapter	✓	Versie Intel® TSX-NI	1,00
Familie ingebouwde grafische adapter	Intel® UHD Graphics	ARK ID processor	134866
On-board graphics adapter model	Intel UHD Graphics P630	Energie	
Basisfrequentie ingebouwde grafische adapter	350 MHz	Redundante voeding *	✗
Graphics on-board -adapter dynamische frequentie (max)	1150 MHz	Netvoeding *	250 W
Maximaal geheugen ingebouwde grafische adapter	128 GB	Aantal hoofdvoedingen	1
On-board grafische adapter OpenGL versie	4.5	Logistieke gegevens	
On-board grafische adapter DirectX-versie	12.0	Code geharmoniseerd systeem (HS)	84714100
Aantal displays ondersteund (door on-board grafische adapter)	3	Duurzaamheid	
On-board grafische adapter ID	0x3E96	Duurzaamheidscertificaten	ENERGY STAR
4K-ondersteuning	✓	Gewicht en omvang	
		Breedte	175 mm
		Diepte	431 mm
		Hoogte	375 mm
		Overige specificaties	
		Ingebouwd display	✗



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