Lenovo ThinkSystem ST50 V2 server 1.92 TB Tower Intel Xeon E E-2324G 3.1 GHz 16 GB DDR4-SDRAM 500 W

Brand: Lenovo Product family: ThinkSystem Product code: 7D8JA043EA

Product name: ST50 V2

- Up to four 3200 MHz DDR4 ECC UDIMMs provide speed and capacity of up to 128 GB
- Three PCIe slots for I/O expansion, one of which has the new PCIe Gen4 interface to maximize I/O performance
- Support for a NVMe M.2 drive for OS boot operations
- Up to three non-hot-swap (NHS) drive bays, two 3.5-inch and one 2.5-inch, supporting hard disk drives (HDDs) or solid-state drives (SSDs) provide flexible internal storage capacity
- The use of SSDs instead of, or along with, traditional spinning drives (HDDs) can significantly improve I/O performance

Intel Xeon E-2324G (8MB Cache, 3.1 GHz), 16 GB DDR4-SDRAM, 2x 960 GB SSD, Intel UHD Graphics P750, LAN (Intel 1219-LM), 500 W, No OS



Processor		Ports & interfaces	
Processor manufacturer * Intel Processor family * Intel Xeon E Processor model * E-2324G Processor frequency * 3.1 GHz Processor boost frequency 4.6 GHz Processor cores 4 Processor cache 8 MB Motherboard chipset Intel C256 Number of processors installed 1	Intel Xeon E E-2324G 3.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Serial ports quantity DisplayPorts quantity	1 1 2
		Expansion slots	
	8 MB	PCI Express x1 (Gen 3.x) slots PCI Express x4 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots	1 1 1
	-	Design	
Memory Internal memory *	16 GB	Chassis type * Product colour	Tower Black
Internal memory type * Memory slots	DDR4-SDRAM 4x DIMM	Performance	
ECC ECC	✓	Trusted Platform Module (TPM)	✓
Memory layout (slots x size) Maximum internal memory *	1 x 16 GB 128 GB	Trusted Platform Module (TPM) version	2.0
Storage		Software	
Maximum storage capacity *	16 TB	Operating system installed *	X
Total storage capacity * Number of SSDs installed	1.92 TB 2	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, VMware ESXi
SSD capacity	960 GB	Processor special features	
SSD size	3.5"	CPU configuration (max)	1
Supported SSD sizes	2.5", 3.5"	Power	
Number of SSDs supported RAID support *	2 ✓	Redundant power supply (RPS) support *	×
Hot-swap	X	Power supply *	500 W
Optical drive type *	X	Operational conditions	
Graphics		Operating temperature (T-T)	5 - 45 °C
On-board graphics card	✓	Storage temperature (T-T) Operating relative hymidity (H, H)	-40 - 60 °C 8 - 90%
On-board graphics card model	Intel UHD Graphics P750	Operating relative humidity (H-H) Storage relative humidity (H-H)	8 - 90%
Network		Operating altitude	0 - 3050 m
Wi-Fi	X	Weight & dimensions	
LAN controller	Intel® I219-LM	Width	170 mm
Ethernet LAN	✓	Depth	316 mm

Network		Weight & dimensions	
Cabling technology	10/100/1000Base-T(X) Gigabit Ethernet	Height	376 mm
Ethernet interface type		Other features	
Ports & interfaces		Warranty period	3 year(s)
Ethernet LAN (RJ-45) ports *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	6		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2		





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