



# Lenovo ThinkSystem ST50 V2 server 2 TB Tower Intel Xeon E E-2324G 3.1 GHz 16 GB DDR4-SDRAM 500 W



**Brand :** Lenovo

**Product family:** ThinkSystem

**Product code:** 7D8JA045EA

**Product name :** ST50 V2

- No OS
  - Intel Xeon E-2324G (8MB Cache, 3.1GHz)
  - 16GB DDR4-SDRAM (1 x 16) & 2000GB HDD
- Intel Xeon E-2324G (8MB Cache, 3.1GHz), 16GB DDR4-SDRAM, 2000GB HDD, Intel UHD Graphics P750, LAN (Intel I219-LM), 500W, No OS

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The Lenovo ThinkSystem ST50 V2 single-socket tower server is an entry level server ideal for small businesses, home offices, retail, educational institutions and branch offices. The server is based on the Intel Xeon E-2300 Series processors, formerly codenamed "Rocket Lake".

This product guide provides essential presales information to understand the ThinkSystem ST50 V2 server, its key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the ST50 V2 and consider its use in IT solutions.

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	Intel Xeon E	VGA (D-Sub) ports quantity	1
Processor model *	E-2324G	Serial ports quantity	1
Processor frequency *	3.1 GHz	DisplayPorts quantity	2
Processor boost frequency	4.6 GHz	Design	
Processor cache	8 MB	Chassis type *	Tower
Motherboard chipset	Intel C256	Product colour	Black
Number of processors installed	1	Performance	
Memory		BIOS type	UEFI
Internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Internal memory type *	DDR4-SDRAM	Trusted Platform Module (TPM) version	2.0
Memory slots	4x DIMM	Software	
ECC	✓	Operating system installed *	✗
Memory layout (slots x size)	1 x 16 GB	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, VMware ESXi
Maximum internal memory *	128 GB	Processor special features	
Storage		CPU configuration (max)	1
Total storage capacity *	2 TB	Power	
Number of HDDs installed	2	Redundant power supply (RPS) support *	✗
HDD capacity	1 TB	Power supply *	500 W
Graphics		Operational conditions	
On-board graphics card	✓	Operating temperature (T-T)	5 - 45 °C
On-board graphics card model	Intel UHD Graphics P750	Storage temperature (T-T)	-40 - 60 °C
Network		Operating relative humidity (H-H)	8 - 90%
LAN controller	Intel® I219-LM	Storage relative humidity (H-H)	8 - 90%
Ethernet LAN	✓	Operating altitude	0 - 3050 m
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ethernet interface type	Gigabit Ethernet	Width	170 mm
Ports & interfaces		Depth	316 mm
Ethernet LAN (RJ-45) ports *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	6		

**Ports & interfaces**

USB 3.2 Gen 2 (3.1 Gen 2) Type-A  
ports quantity 2

**Weight & dimensions**

Height 376 mm  
Weight 9.4 kg

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