



Lenovo ThinkSystem ST50 V2 server 2 TB Tower Intel Xeon E E-2324G 3.1 GHz 8 GB DDR4-SDRAM 500 W



Brand : Lenovo **Product family:** ThinkSystem **Product code:** 7D8JA02YEA
Product name : ST50 V2

- No OS
- Intel Xeon E-2324G (8MB Cache, 3.1GHz)
- 8GB DDR4-SDRAM (1 x 8) & 2000GB HDD
- Intel Xeon E-2324G (8MB Cache, 3.1GHz), 8GB 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		Design	
Processor manufacturer *	Intel	Product colour	Black
Processor family *	Intel Xeon E	Performance	
Processor model *	E-2324G	BIOS type	UEFI
Processor frequency *	3.1 GHz	Trusted Platform Module (TPM)	✓
Processor boost frequency	4.6 GHz	Trusted Platform Module (TPM) version	2.0
Processor cores	8	Software	
Processor cache	8 MB	Operating system installed *	✗
Motherboard chipset	Intel C256	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, VMware ESXi
Number of processors installed	1	Processor special features	
Execute Disable Bit	✓	CPU configuration (max)	1
Idle States	✓	Enhanced Intel SpeedStep Technology	✓
Embedded options available	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory		Intel Trusted Execution Technology	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type *	DDR4-SDRAM	Intel Clear Video Technology	✓
Memory slots	4x DIMM	Intel Software Guard Extensions (Intel SGX)	✓
ECC	✓	Intel 64	✓
Memory layout (slots x size)	1 x 8 GB	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	128 GB	Power	
Storage		Redundant power supply (RPS) support *	✗
Total storage capacity *	2 TB	Power supply *	500 W
Number of HDDs installed	1	Operational conditions	
HDD capacity	2 TB	Operating temperature (T-T)	5 - 45 °C
Graphics		Storage temperature (T-T)	-40 - 60 °C
On-board graphics card	✓	Operating relative humidity (H-H)	8 - 90%
On-board graphics card model	Intel UHD Graphics P750		
Network			
LAN controller	Intel® I219-LM		
Ethernet LAN	✓		
Cabling technology	10/100/1000Base-T(X)		
Ethernet interface type	Gigabit Ethernet		

Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	1	Storage relative humidity (H-H)	8 - 90%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	6	Operating altitude	0 - 3050 m
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Width	170 mm
Serial ports quantity	1	Depth	316 mm
DisplayPorts quantity	2	Height	376 mm
		Weight	9.4 kg
Design			
Chassis type *	Tower		



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