



# Lenovo ThinkSystem ST50 V2 server 2000 GB Tower Intel Xeon E 3.1 GHz 8 GB DDR4-SDRAM 500 W



**Brand :** Lenovo      **Product family:** ThinkSystem      **Product code:** 7D8JA00PEA  
**Product name :** ST50 V2

- 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, 500W

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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	DisplayPorts quantity	2
Processor family *	Intel Xeon E	Design	
Processor model *	E-2324G	Chassis type *	Tower
Processor frequency *	3.1 GHz	Product colour	Black
Processor boost frequency	4.6 GHz	Performance	
Processor cache	8 MB	Trusted Platform Module (TPM)	✓
Number of processors installed	1	Harmonized System (HS) code	84714100
Execute Disable Bit	✓	Software	
Idle States	✓	Operating system installed *	✗
Embedded options available	✓	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, VMware ESXi
Memory		Processor special features	
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type *	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
ECC	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 8 GB	Intel Trusted Execution Technology	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Total storage capacity *	2000 GB	Intel Clear Video Technology	✓
Number of HDDs installed	2	Intel Software Guard Extensions (Intel SGX)	✓
HDD capacity	1000 GB	Intel 64	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card	✓	Power	
On-board graphics card model	Intel UHD Graphics P750	Redundant power supply (RPS) support *	✓
Network		Power supply *	500 W
LAN controller	Intel® I219-LM	Number of redundant power supplies installed	1
Ethernet LAN	✓	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width	170 mm
Ethernet interface type	Gigabit Ethernet	Depth	316 mm
Ports & interfaces			
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		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		

**Ports & interfaces**

Serial ports quantity 1

**Weight & dimensions**

Height 376 mm

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