



Lenovo ThinkSystem ST45 V3 server 1.92 TB Tower AMD EPYC 4344P 3.8 GHz 32 GB DDR5-SDRAM 500 W



Brand : Lenovo

Product family: ThinkSystem

Product code: 7DH5A02JEA

Product name : ST45 V3

- No OS
- AMD EPYC 4344P (32MB Cache, 3.8GHz)
- 32GB (5200MHz) DDR5-SDRAM (1 x 32) & 1920GB SSD
AMD EPYC 4344P (32MB Cache, 3.8GHz), 32GB DDR5-SDRAM (5200MHz), 1920GB SSD, LAN (Realtek RTL8111FP), 500W, No OS

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The Lenovo ThinkSystem ST45 V3 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 AMD EPYC 4004 Series processor (formerly codenamed "Raphael").

This product guide provides essential presales information to understand the ThinkSystem ST45 V3 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 ST45 V3 and consider its use in IT solutions.

Processor		Ports & interfaces	
Processor manufacturer *	AMD	HDMI ports quantity	1
Processor family *	AMD EPYC	HDMI version	2.1
Processor model *	4344P	DisplayPorts quantity	2
Processor frequency *	3.8 GHz	Power cables quantity	1
Processor boost frequency	5.3 GHz	Expansion slots	
Processor cores	8	PCI Express x1 (Gen 3.x) slots	1
Processor cache	32 MB	PCI Express x16 (Gen 3.x) slots	1
Number of processors installed	1	Design	
Thermal Design Power (TDP)	65 W	Chassis type *	Tower
Processor threads	16	Product colour	Black
Memory types supported by processor	DDR5-SDRAM	Performance	
Memory		Trusted Platform Module (TPM)	✓
Internal memory *	32 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type *	DDR5-SDRAM	Software	
Memory slots	2x DIMM	Operating system installed *	✗
ECC	✓	Power	
Memory clock speed	5200 MHz	Redundant power supply (RPS) support *	✗
Memory layout (slots x size)	1 x 32 GB	Power supply *	500 W
Maximum internal memory *	64 GB	Power supply input voltage	115 - 230 V
Storage		Operational conditions	
Total storage capacity *	1.92 TB	Operating temperature (T-T)	10 - 35 °C
Number of SSDs installed	2	Storage temperature (T-T)	-20 - 60 °C
SSD capacity	960 GB	Operating relative humidity (H-H)	8 - 80%
SSD interface	SATA	Storage relative humidity (H-H)	8 - 90%
RAID support *	✓	Operating altitude	0 - 3050 m
Optical drive type *	✗	Weight & dimensions	
Internal drive bays	2	Width	170 mm
Network		Depth	316 mm
LAN controller	Realtek RTL8111FP	Height	376 mm
Ethernet LAN	✓		
Ethernet interface type	Gigabit Ethernet		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Weight	8.56 kg
USB 2.0 ports quantity	4	Technical details	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Supported storage drives form factor (internal)	3.5"
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1		



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