



Lenovo ThinkSystem ST45 V3 server 1.92 TB Tower AMD EPYC 4124P 3.8 GHz 16 GB DDR5-SDRAM 500 W

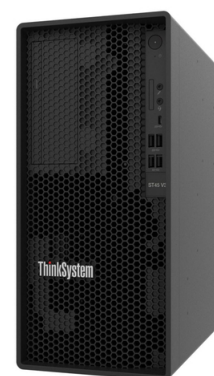
Brand : Lenovo

Product family: ThinkSystem

Product code: 7DH5A007EA

Product name : ST45 V3

- No OS
- AMD EPYC 4124P (16MB Cache, 3.8GHz)
- 16GB (5200MHz) DDR5-SDRAM (1 x 16) & 1920GB SSD
AMD EPYC 4124P (16MB Cache, 3.8GHz), 16GB 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	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
Processor family *	AMD EPYC	HDMI ports quantity	1
Processor model *	4124P	HDMI version	2.1
Processor frequency *	3.8 GHz	DisplayPorts quantity	2
Processor boost frequency	5.1 GHz	Power cables quantity	1
Processor cores	4	Expansion slots	
Processor cache	16 MB	PCI Express x1 (Gen 3.x) slots	1
Number of processors installed	1	PCI Express x16 (Gen 3.x) slots	1
Thermal Design Power (TDP)	65 W	Design	
Processor threads	8	Chassis type *	Tower
Memory types supported by processor	DDR5-SDRAM	Product colour	Black
Memory		Performance	
Internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Internal memory type *	DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
Memory slots	2x DIMM	Software	
ECC	✓	Operating system installed *	✗
Memory clock speed	5200 MHz	Power	
Memory layout (slots x size)	1 x 16 GB	Redundant power supply (RPS) support *	✗
Maximum internal memory *	64 GB	Power supply *	500 W
Storage		Power supply input voltage	115 - 230 V
Total storage capacity *	1.92 TB	Operational conditions	
Number of SSDs installed	2	Operating temperature (T-T)	10 - 35 °C
SSD capacity	960 GB	Storage temperature (T-T)	-20 - 60 °C
SSD interface	SATA	Operating relative humidity (H-H)	8 - 80%
SSD size	3.5"	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			
LAN controller	Realtek RTL8111FP		
Ethernet LAN	✓		

Network		Weight & dimensions	
Ethernet interface type	Gigabit Ethernet	Depth	316 mm
Ports & interfaces		Height	376 mm
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"



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