Lenovo ThinkSystem ST250 V3 server Tower Intel Xeon E E-2456 3.3 GHz 16 GB DDR5-SDRAM 800 W

Brand : Lenovo **Product family:** ThinkSystem **Product code:** 7DCEA020NA

Product name : ST250 V3

- Intel Xeon E-2456 (18MB Cache, 3.3GHz)
- 16GB (4800MHz) DDR5-SDRAM (1 x 16)

Intel Xeon E-2456 (18MB Cache, 3.3GHz), 16GB DDR5-SDRAM (4800MHz), LAN (Broadcom BCM5720), 5350-8i, 800W

Lenovo ThinkSystem ST250 V3 server Tower Intel Xeon E E-2456 3.3 GHz 16 GB DDR5-SDRAM 800 W:

The Lenovo ThinkSystem ST250 V3 is a mainstream 1-socket tower server that also be rack mounted as a rack server. It is ideal for small-to-medium businesses, remote offices, branch offices, banking and public sector. The server supports the new Intel Xeon E-2400 Series processors, formerly codenamed "Raptor Lake".

This product guide provides essential presales information to understand the ThinkSystem ST250 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 ST250 V3 and consider its use in IT solutions.

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Xeon E
Processor model *	E-2456
Processor frequency *	3.3 GHz
Processor boost frequency	5.1 GHz
Performance cores	6
Processor cores	6
Processor cache	18 MB
Memory	
Internal memory *	16 GB
Internal memory type *	DDR5-SDRAM
Memory slots	4x DIMM
ECC	✔
Memory clock speed	4800 MHz
Memory layout (slots x size)	1 x 16 GB
Maximum internal memory *	128 GB
Storage	
RAID support *	✔
RAID levels	0, 1, 5, 10, 50
Supported RAID controllers	5350-8i
Hot-swap	✔
Internal drive bays	8
Supported storage drive interfaces	SAS, Serial ATA

Ports & interfaces	
VGA (D-Sub) ports quantity	1
Serial ports quantity	1
Design	
Chassis type *	Tower
Product colour	Black
Performance	
Performance management	XClarity Standard
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Software	
Compatible operating systems *	Microsoft Windows Server Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi
Power	
Redundant power supply (RPS) support *	✔
Power supply *	800 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50/60 Hz
Operational conditions	
Operating temperature (T-T)	5 - 45 °C

Graphics	
On-board graphics card	✔
Maximum graphics card memory	16 MB

Network	
LAN controller	Broadcom BCM5720
Ethernet LAN	✔
Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

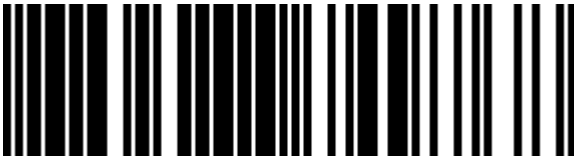
Ports & interfaces	
Ethernet LAN (RJ-45) ports *	2
USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	5

Operational conditions	
Storage temperature (T-T)	-40 - 60 °C
Operating relative humidity (H-H)	8 - 90%
Storage relative humidity (H-H)	8 - 90%
Operating altitude	0 - 3050 m

Certificates	
80 PLUS certification	80 PLUS Platinum

Weight & dimensions	
Width	176 mm
Depth	578 mm
Height	444 mm

Technical details	
Supported storage drives form factor (rear)	2.5"



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Publication date: 26-AUG-2026. Prints or copies of Information are only valid on the printed Publication date