



Lenovo ThinkSystem ST550 server Tower (4U) Intel Xeon Silver 4210R 2.4 GHz 32 GB DDR4-SDRAM 750 W



Brand : Lenovo **Product family:** ThinkSystem **Product code:** 7X10A0EKEA
Product name : ST550

- Intel Xeon Silver 4210R (13.75MB Cache, 2.4GHz)
 - 32GB (2933MHz) DDR4-SDRAM (1 x 32)
 Intel Xeon Silver 4210R (13.75MB Cache, 2.4GHz), 32GB DDR4-SDRAM (2933MHz), Matrox G200, LAN, 9350-8i, 750W

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The Lenovo ThinkSystem ST550 2-socket 4U rack-mountable tower server provides outstanding performance and industry-leading reliability. Now available with second-generation Intel Xeon Scalable processors, the ST550 is ideal for small-to-medium businesses, distributed enterprises, retail, educational institutions and branch offices.

This product guide provides essential presales information to understand the ThinkSystem ST550 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 ST550 and consider its use in IT solutions.

Processor		Ports & interfaces	
Processor manufacturer *	Intel	VGA (D-Sub) ports quantity	1
Processor family *	Intel Xeon Silver	Design	
Processor model *	4210R	Chassis type *	Tower (4U)
Processor frequency *	2.4 GHz	Product colour	Black
Processor boost frequency	3.2 GHz	Redundant fans support	✓
Processor cache	13.75 MB	Performance	
Motherboard chipset	Intel® C624	Performance management	XClarity Enterprise
Number of processors installed	1	Trusted Platform Module (TPM)	✓
Execute Disable Bit	✓	Software	
Embedded options available	✓	Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi
Memory		Processor special features	
Internal memory *	32 GB	Enhanced Intel SpeedStep Technology	✓
Internal memory type *	DDR4-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	12x DIMM	Intel Trusted Execution Technology	✓
ECC	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	2933 MHz	Intel 64	✓
Memory layout (slots x size)	1 x 32 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Power	
RAID support *	✓	Redundant power supply (RPS) support *	✓
RAID levels	0, 1, 5, 6, 10, 50, 60	Power supply *	750 W
Supported RAID controllers	9350-8i	Weight & dimensions	
Internal drive bays	8	Width	176 mm
Graphics		Depth	660 mm
On-board graphics card	✓	Height	438 mm
On-board graphics card model	Matrox G200	Weight	36 kg
Maximum graphics card memory	16 MB	Network	
Network		Ethernet LAN	✓
Ethernet LAN	✓	Cabling technology	10/100/1000Base-T(X)
Cabling technology	10/100/1000Base-T(X)	Ports & interfaces	
Ports & interfaces		USB 2.0 ports quantity	5
USB 2.0 ports quantity	5		

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A
ports quantity 3



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Publication date: 24-FEB-2025. Prints or copies of Information are only valid on the printed Publication date