Lenovo

Lenovo ThinkSystem ST50 V2 server 1.92 TB Tower Intel Xeon E E-2324G 3.1 GHz 16 GB DDR4-SDRAM 500 W

Brand : Lenovo   **Product family:** ThinkSystem   **Product code:** 7D8JA043EA
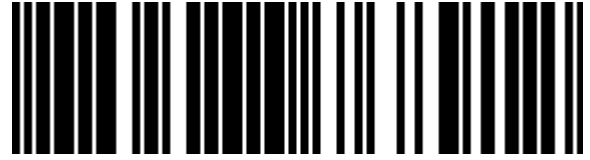
Product name : ST50 V2

- Up to four 3200 MHz DDR4 ECC UDIMMs provide speed and capacity of up to 128 GB
- Three PCIe slots for I/O expansion, one of which has the new PCIe Gen4 interface to maximize I/O performance
- Support for a NVMe M.2 drive for OS boot operations
- Up to three non-hot-swap (NHS) drive bays, two 3.5-inch and one 2.5-inch, supporting hard disk drives (HDDs) or solid-state drives (SSDs) provide flexible internal storage capacity
- The use of SSDs instead of, or along with, traditional spinning drives (HDDs) can significantly improve I/O performance

Intel Xeon E-2324G (8MB Cache, 3.1GHz), 16GB DDR4-SDRAM, 2x 960GB SSD, Intel UHD Graphics P750, LAN (Intel I219-LM), 500W, No OS

Processor

Processor manufacturer *	Intel
Processor family *	Intel Xeon E
Processor model *	E-2324G
Processor frequency *	3.1 GHz
Processor boost frequency	4.6 GHz
Processor cores	4
Processor cache	8 MB
Motherboard chipset	Intel C256
Number of processors installed	1

Memory

Internal memory *	16 GB
Internal memory type *	DDR4-SDRAM
Memory slots	4x DIMM
ECC	✔
Memory layout (slots x size)	1 x 16 GB
Maximum internal memory *	128 GB

Storage

Maximum storage capacity *	16 TB
Total storage capacity *	1.92 TB
Number of SSDs installed	2
SSD capacity	960 GB
SSD size	3.5"
Supported SSD sizes	2.5", 3.5"
Number of SSDs supported	2
RAID support *	✔
Hot-swap	✘
Optical drive type *	✘

Graphics

On-board graphics card	✔
On-board graphics card model	Intel UHD Graphics P750

Network

Wi-Fi	✘
LAN controller	Intel® I219-LM
Ethernet LAN	✔

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Serial ports quantity	1
DisplayPorts quantity	2

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x4 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1

Design

Chassis type *	Tower
Product colour	Black

Performance

Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software

Operating system installed *	✘
Compatible operating systems *	Microsoft Windows Server, Red Hat Enterprise Linux, VMware ESXi

Processor special features

CPU configuration (max)	1

Power

Redundant power supply (RPS) support *	✘
Power supply *	500 W

Operational conditions

Operating temperature (T-T)	5 - 45 °C
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

Weight & dimensions

Width	170 mm
Depth	316 mm

Network

Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

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

Weight & dimensions

Height	376 mm

Other features

Warranty period	3 year(s)

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