

Lenovo ThinkSystem ST250 V2 - tower - Xeon E-2356G 3.2 GHz - 32 GB - no HDD



14-06-2024

SKU	7D8FA01LEA
Product Description:	Lenovo ThinkSystem ST250 V2 - tower - Xeon E-2356G 3.2 GHz - 32 GB - no HDD
Type:	Server - tower
Height (Rack Units):	4U
Localisation:	Region: EMEA
Server Scalability:	1-way
Processor:	1 x Intel Xeon E-2356G / 3.2 GHz (, up to 5 GHz, (6-core)
Processor Socket:	LGA1200 Socket

General

Type:	Server
Product Form Factor:	Tower - 4U
Built-in Devices:	Led panel
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Server Scalability:	1-way
Front Accessible Bays Qty:	2
Hot-Swap Bays Qty:	8
Localisation:	Region: EMEA

Processor / Chipset

CPU:	Intel Xeon E-2356G
Clock Speed:	3.2 GHz
Max Turbo Speed:	5 GHz
Number of Cores:	6-core
CPU Qty:	1
Max CPU Qty:	1
CPU Socket:	LGA1200 Socket
Chipset Type:	Intel C256

Environmental Parameters

Min Operating Temperature:	10 °C
Max Operating Temperature:	35 °C
Humidity Range Operating:	8 - 80%

Dimensions & Weight

Width:	17.6 cm
Depth:	57.8 cm
Height:	44.4 cm
Weight:	23.6 kg

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years - on-site - response time: next business day
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Sustainability Information

EPEAT Compliant:	EPEAT Bronze
ENERGY STAR Certified:	Yes
ENERGY STAR Version:	3.0

Operating System / Software

OS Provided:	No operating system
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Cache Memory

Installed Size:	12 MB
Cache Per Processor:	12 MB

RAM

Installed Size:	32 GB / 128 GB (max)
Technology:	DDR4 SDRAM - ECC
Effective Memory Speed:	3200 MHz
Rated Memory Speed:	3200 MHz
Form Factor:	DIMM 288-pin
Slots:	4 (Total) / 3 (empty)
Features:	Unbuffered, TruDDR4
Configuration Features:	1 x 32 GB

Hard Drive

Type:	No HDD
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Storage Controller

Type:	1 x RAID - PCIe 3.0 x8
Controller Interface Type:	SATA 6Gb/s / SAS 12Gb/s
Storage Controller Name:	ThinkSystem RAID 5350-8i
Channel Qty:	8
RAID Level:	RAID 0, RAID 1, RAID 5, RAID 10, JBOD

Optical Storage

Type:	No optical drive
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Monitor

Monitor Type:	None.
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Graphics Controller

Graphics Processor:	Matrox G200
Video Memory:	16 MB
Video Interfaces:	VGA

Power

Device Type:	Power supply - hot-plug
Power Redundancy:	Optional
Power Redundancy Scheme:	1+1 (with optional power supply)
Installed Qty:	1
Max Supported Qty:	2
Voltage Required:	AC 100-240 V (50/60 Hz)
Power Provided:	550 Watt
80 PLUS Certification:	80 PLUS Platinum

Miscellaneous

Theft/Intrusion Protection:	Security lock slot (cable lock sold separately), padlock loop, chassis intrusion switch
Security Slot Type:	Kensington security slot
Compliant Standards:	UL, TUV GS, BSMI CNS 13438 Class A, EN 61000-3-2, GS, EN 61000-3-3, EN55024, CB, CCC, IEC 60950-1, FCC Part 15 A, GREENGUARD, GB 17625.1, CECP, VCCI Class A, EAC, GB 4943.1, INMETRO, NOM-019, EK1-ITB2000, KN35, UL 2819, AS/NZS CISPR 32 Class A, KN32 Class A, EN 62368-1, IEC 62368-1, EN 55032 Class A, LoA, NRC5, CISPR 32 Class A, UL 62368-1, Morocco, EN 55035, TP TC 004/2011, TP TC 020/2011, ASHRAE Class A2, CELP, HJ 2507-2011, Energy-Related Products (ErP) Lot 9, ANSI, TP EAC 037/2016, EN 50581-1, AS/NZS 62368.1, UKCA, ICES-003 issue 7 Class A, NSF/ANSI 426, GB/T9254, CQC3135, CSA C22.2 No. 62368-1, NIST SP800-147B

Expansion / Connectivity

Bays:	2 (total) / 2 (free) x external 5.25" x 1/2H ; 8 (total) / 8 (free) x hot-swap 2.5"
Slots:	2 (total) / 2 (free) x PCIe 3.0 x4 - half-length, full-height ; 1 PCIe 4.0 x16 - half-length, full-height ; PCIe 3.0 x4 - half-length, full-height (x8 mode)

Networking

Ethernet Ports:	2 x Gigabit Ethernet
Ethernet Controller:	Broadcom BCM5720
Data Link Protocol:	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Controller:	XClarity Controller (XCC) Enterprise
Features:	PXE support, Teaming support

Expansion / Connectivity

Interfaces:	1 x USB 3.2 Gen 1 (1 in front) ; 1 x USB 2.0 (1 in front) ; 4 x USB 3.2 Gen 2 ; 1 x serial ; 1 x VGA ; 2 x LAN (Gigabit Ethernet) - RJ-45 ; 1 x management - RJ-45 ; 1 x USB 3.0 (1 internal)
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