Lenovo 4XB7A13635 internal solid state drive 960 GB 2.5" Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A13635

Product name : 4XB7A13635

- Industry-standard 2.5-inch or 3.5-inch form factors
- Cost-effective Intel 3D NAND TLC Flash Memory
- Endurance of 3 drive writes per day (DWPD) for 5 years, using Intel High Endurance Technology (HET)
- SATA TLC solid-state drive with high read performance and consistently low latencies to fulfill client needs in the enterprise space
- High reliability and enhanced ruggedness
- Energy savings, with typical write power consumption as low as 2.4 W per drive
- Absence of moving parts to reduce potential failure points in the server
- S.M.A.R.T. support
- Advanced Encrypting Standard (AES) 256-bit encryption
- Full end-to-end data path protection
- Thermal throttling to extend the life of the drive
- Enhanced power loss data protection

ThinkSystem 2.5" Intel S4610 960GB Mainstream SATA 6Gb Hot Swap SSD
Lenovo 4XB7A13635. SSD capacity: 960 GB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 510 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features	
Security algorithms	256-bit AES
SSD capacity *	960 GB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	3D TLC NAND
Component for *	Server/workstation
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	560 MB/s
Write speed	510 MB/s
Random read (4KB)	96000 IOPS
Random write (4KB)	51000 IOPS
Read latency	36 µs
Write latency	37 µs
S.M.A.R.T. support	✓
Hot-swap	✓
End-to-End Data Protection	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10^17 bits read
Mean time between failures (MTBF)	2000000 h

Features	
TBW rating	6000
Certification	FCC, CA/CSA-CEI/IEC, EN 55024, EN 55022, EN-60950-1, UL/CSA, C-Tick, BSMI, KCC, WEEE
Power	
Power consumption (average)	2.7 W
Weight & dimensions	
Weight	63 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-55 - 95 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Operating vibration	2.17 G
Non-operating vibration	3.13 G
Operating shock	1000 G
Maximum operating altitude	3050 m
Other features	
Compliance certificates	RoHS
Logistics data	
Harmonized System (HS) code	84717070

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