



Lenovo 4XB7A38144 internal solid state drive 2.5" 1.92 TB Serial ATA III QLC 3D NAND



Brand : Lenovo

Product code: 4XB7A38144

Product name : 4XB7A38144

- Industry standard 2.5-inch form factor
- New generation 64-layer 3D QLC NAND flash memory
- Suitable for read-intensive sequential workloads with larger block sizes
- 6 Gbps SATA host interface
- High reliability and enhanced ruggedness
- 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

ThinkSystem 2.5" 5210 1.92TB Entry SATA 6Gb Hot Swap QLC SSD

Lenovo 4XB7A38144. SSD capacity: 1.92 TB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 165 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation



Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	2000000 h
SSD form factor *	2.5"	Power	
SSD capacity *	1.92 TB	Power consumption (read)	2.8 W
Interface *	Serial ATA III	Power consumption (write)	3.9 W
Memory type *	QLC 3D NAND	Operational conditions	
NVMe *	✗	Operating temperature (T-T)	0 - 70 °C
Component for *	Server/workstation	Storage temperature (T-T)	-40 - 85 °C
Hardware encryption *	✓	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Technical details	
Read speed	540 MB/s	Sustainability certificates	RoHS
Write speed	165 MB/s	Weight & dimensions	
Random read (4KB)	70 IOPS	Width	70 mm
Random write (4KB)	2 IOPS	Depth	100 mm
Read latency	310 µs	Height	7 mm
Write latency	530 µs	Weight	70 g
Hot-swap	✓	Logistics data	
		Harmonized System (HS) code	84717070



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