



Lenovo 4XB7A17096 internal solid state drive 240 GB 3.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17096

Product name : 4XB7A17096

ThinkSystem 3.5" 5300 240GB Mainstream SATA 6Gb Hot Swap SSD

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The ThinkSystem 5300 Mainstream SATA 6Gb solid-state drives (SSDs) use Micron 96-layer 3D NAND flash memory technology with a 6Gbps SATA interface. They provide an affordable solution for mixed read/write applications such as cache in transactional applications and high-speed storage for enterprise databases.

Lenovo 4XB7A17096. SSD capacity: 240 GB, SSD form factor: 3.5", Read speed: 540 MB/s, Write speed: 380 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Certification	Micron Green Standard Built with sulfur resistant resistors CE (Europe): EN 55032 Class B, RoHS FCC: CFR Title 47, Part 15 Class B UL: UL-60950-1, 2nd Edition BSMI (Taiwan): approval to CNS 13438 RCM (Australia, New Zealand): AS/NZS CISPR32 Class B KCC RRL (Korea): approval to KN 32 Class B, KN 35 Class B W.E.E.E.: Compliance with EU WEEE directive 2002/96/EC. TUV (Germany): approval to IEC60950/EN60950 VCCI (Japan): 2015-04 Class B IC (Canada): CISPR32 Class B: Canadian ICES-003:2016
SSD capacity *	240 GB		
SSD form factor *	3.5"		
Interface *	Serial ATA III		
Memory type *	3D TLC NAND		
Component for *	Server/workstation		
Hardware encryption *	✓		
Data transfer rate	6 Gbit/s		
Read speed	540 MB/s		
Write speed	380 MB/s		
Random read (4KB)	82000 IOPS		
Random write (4KB)	60000 IOPS		
Read latency	175 µs		
Write latency	300 µs		
S.M.A.R.T. support	✓		
Hot-swap	✓		
Mean time between failures (MTBF)	3000000 h		
Power			
Power consumption (read)		2.5 W	
Power consumption (write)		3 W	
Weight & dimensions			
Width		257 mm	
Depth		193 mm	
Height		95 mm	
Weight		484 g	
Operational conditions			
Operating temperature (T-T)		0 - 70 °C	
Storage temperature (T-T)		-40 - 85 °C	
Operating relative humidity (H-H)		5 - 95%	
Non-operating shock		1.5 G	
Logistics data			
Harmonized System (HS) code		84717070	



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