



Lenovo 4XB7A82259 internal solid state drive 480 GB 2.5" Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A82259

Product name : 4XB7A82259

ThinkSystem 2.5" 5400 PRO 480GB Read Intensive SATA 6Gb HS

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The ThinkSystem 5400 PRO Read Intensive SATA 6Gb SSDs are general-purpose self-encrypting SSDs (SEDs) based on the Micron 5400 PRO platform and are available in capacities ranging from 240GB to 7.86TB. They are engineered for greater performance and endurance in a cost-effective design, and to support a broader set of workloads.

This product guide provides essential presales information to understand the 5400 PRO SSDs, their key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the 5400 PRO SSDs and consider their use in IT solutions. Lenovo 4XB7A82259. SSD capacity: 480 GB, SSD form factor: 2.5", Component for: Server/workstation

Features		Features	
SSD capacity *	480 GB	Certification	Micron Green Standard Built with sulfur resistant resistors CE (Europe): EN 55032 Class B, RoHS UKCA (UK): SI 2016/1091 Class B and SI 2012/3032 RoHS FCC: CFR Title 47, Part 15 Class B UL/cUL: approval to UL-60950-1, 2nd Edition, IEC 60950-1:2005 (2nd Edition); EN 60950-1 (2006) + A11:2009+ A1:2010 + A12:2011 + A2:2013 BSMI (Taiwan): approval to CNS 13438 Class B and CNS 15663 RCM (Australia, New Zealand): AS/NZS CISPR32 Class B KC RRA (Korea): approval to KN32 Class B, KN 35 Class B W.E.E.E.: compliance with EU WEEE directive 2012/19/EC TUV (Germany): approval to IEC60950/EN60950 VCCI (Japan): 2015-04 Class B IC (Canada): ICES-003 Class B Morocco: approval to EN55032/EN55024 Class B UkrSEPRO (Ukraine): EN55032 Class B, IEC60950/EN60950, RoHS (Resolution 2017 No. 139)
SSD form factor *	2.5"		
Interface *	Serial ATA III		
Memory type *	3D TLC NAND		
Component for *	Server/workstation		
Random read (4KB)	95000 IOPS		
Random write (4KB)	37000 IOPS		
Read latency	170 μ s		
Write latency	42 μ s		
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)		3.1 W	
Weight & dimensions			
Width		70 mm	
Depth		100 mm	
Height		7 mm	
Weight		70 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		1500 G	
Other features			
Compatible products		ThinkSystem	



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