



Lenovo 4XB7A17125 internal solid state drive 480 GB 2.5" Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A17125

Product name : 4XB7A17125

ThinkSystem 2.5" S4620 480GB Mixed Use SATA 6Gb HS SSD

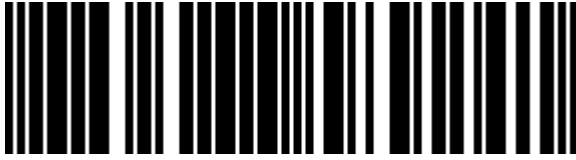
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By combining the latest Intel 3D NAND TLC Flash Memory technology with Intel's latest controller technology, the design of the S4620 SSDs delivers consistent performance, reduced power consumption, and end-to-end data protection, as well as being optimized for IOPS/watt and cost/IOPS.

Rigorous testing of S4620 SSDs by Lenovo through the ServerProven program assures a high degree of storage subsystem compatibility and reliability.

Lenovo 4XB7A17125. SSD capacity: 480 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 500 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Certification	FCC Title 47, Part 15B, Class B
SSD capacity *	480 GB		EN-55035:2017 EN-55022:2006
SSD form factor *	2.5"		EN-55032:2012 Low Voltage
Interface *	Serial ATA III		Directive (LVD) 2014/35/EU EMC
Memory type *	3D TLC NAND		Directive 2014/30/EU RoHS
Component for *	Server/workstation		Directive 2011/65/EU WEEE
Hardware encryption *	✓		Directive 2012/19/EU UL 60950-1,
Data transfer rate	6 Gbit/s		2nd Edition, 2014-10-14 CSA C22.2
Read speed	550 MB/s		No. 60950-1-07, 2nd Edition,
Write speed	500 MB/s		2014-010 UL/CSA 62368-1, 2nd
Random read (4KB)	82000 IOPS		Edition AS/NZ CISPR 32:2015 AS/NZ
Random write (4KB)	50000 IOPS		CISPR 22:2009 +A1:2010 Taiwan
Read latency	36 µs		BSMI EMC standard CNS 13438
Write latency	36 µs		Korea KCC Article 11.1 Morocco
S.M.A.R.T. support	✓	Decree # 2574-14 (EMC) Canada	
Hot-swap	✓	ICES-003 Japan VCCI China EFUP	
Mean time between failures (MTBF)	2000000 h		
		Power	
		Power consumption (write)	3 W
		Weight & dimensions	
		Width	70 mm
		Depth	100 mm
		Height	7 mm
		Weight	70 g
		Packaging data	
		Package width	174 mm
		Package depth	133 mm
		Package height	63 mm
		Package weight	434 g
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Operating relative humidity (H-H)	5 - 95%
		Operating vibration	2.17 G
		Non-operating vibration	3.13 G
		Operating shock	1000 G
		Non-operating shock	1000 G
		Maximum operating altitude	3050 m
		Logistics data	
		Harmonized System (HS) code	84717070



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