

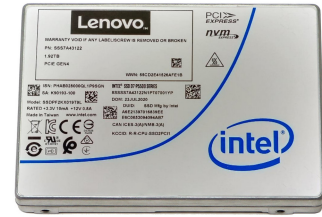


Lenovo 4XB7A17145 internal solid state drive U.2 1.92 TB PCI Express 4.0 TLC 3D NAND NVMe

Brand : Lenovo

Product code: 4XB7A17145

Product name : 4XB7A17145



ThinkSystem 2.5" U.2 P5500 1.92TB Read Intensive NVMe PCIe 4.0 x4 HS

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The Intel SSD D7-P5500 Series Entry NVMe SSDs are general-purpose yet high-performance drives with a PCIe 4.0 x4 interface. They are designed for greater performance and endurance in a cost-effective design, and to support a broader set of workloads.

This product guide introduces the drives and describes their features and specifications, and provides compatibility information. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the Intel P5500 SSDs and consider their use in IT solutions.

Lenovo 4XB7A17145. SSD capacity: 1.92 TB, SSD form factor: U.2, Component for: Server/workstation



Features		Features		
SSD form factor *	U.2	Certification	FCC Title 47, Part 15B, Class B CA/CSA-CEI/IEC CISPR 22:02 EN 55024: 1998 EN 55022: 2006 EN-60950-1 2nd Edition UL/CSA EN-60950-1 2nd Edition Low Voltage Directive 2006/95/EC C- Tick: AS/NZS3584 BSMI: CNS 13438 KCC Article 11.1 RoHS DIRECTIVE 2011/65/EU WEEE Directive 2002/96/EC	
SSD capacity *	1.92 TB			
Interface *	PCI Express 4.0			
Memory type *	TLC 3D NAND			
NVMe *	✓			
Component for *	Server/workstation			
Random read (4KB)	400000 IOPS			
Random write (4KB)	59000 IOPS			
Random latency - read (up to)	78 µs			
Random latency - write (up to)	22 µs			
Sequential latency - read (up to)	10 µs	Power	Power consumption (read)	8.5 W
Sequential latency - write (up to)	12 µs		Power consumption (write)	15 W
S.M.A.R.T. support	✓		Operational conditions	
Hot-swap	✓	Operating temperature (T-T)	0 - 70 °C	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Operating relative humidity (H-H)	5 - 90%	
Mean time between failures (MTBF)	2000000 h	Operating vibration	2.17 G	
		Operating shock	1000 G	
		Maximum operating altitude	3048 m	
		Technical details		
		Sustainability certificates	TCO	
		Weight & dimensions		
		Width	70 mm	
		Depth	100 mm	
		Height	15 mm	
		Weight	146 g	
		Other features		
		Endurance rating	3.5 PB	



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