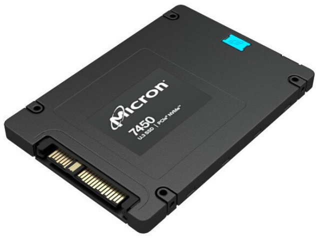
Lenovo

Lenovo 4XB7A79646 internal solid state drive 960 GB M.2 PCI Express 4.0 NVMe 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A79646

Product name : 4XB7A79646

ThinkSystem 2.5" U.3 7450 PRO 960GB Read Intensive NVMe PCIe 4.0 x4 HS SSD

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The ThinkSystem 7450 PRO Read Intensive NVMe SSDs are general-purpose yet high-performance family of NVMe solid-state drives. They are engineered for greater performance and endurance in a cost-effective design, and to support a broader set of workloads. Now with SED encryption as standard, these drives help ensure data security, even when the drive is removed from the server.

This product guide provides essential presales information to understand the ThinkSystem 7450 PRO Read Intensive NVMe SSDs offerings and their key features, specifications, and compatibility. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the 7450 PRO SSDs and consider their use in IT solutions Lenovo 4XB7A79646. SSD capacity: 960 GB, SSD form factor: M.2, Component for: Server/workstation

Features

SSD capacity *	960 GB
SSD form factor *	M.2
Interface *	PCI Express 4.0
NVMe *	✓
Memory type *	3D TLC NAND
Component for *	Server/workstation
Random read (4KB)	530000 IOPS
Random write (4KB)	85000 IOPS
Read latency	80 µs
Write latency	15 µs
Mean time between failures (MTBF)	2000000 h

Features

Certification	CE (Europe): EN55032, EN55024 Class B, 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, CNS 15663 RCM (Australia, New Zealand): AS/NZS CISPR32 Class B KC RRL (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: EN55032, EN55024 Class B UkrSEPRO (Ukraine): EN55032 Class B, IEC60950/EN60950, RoHS (Resolution 2017 No. 139) UKCA (UK): SI 2016/1091 Class B and SI 2012/3032 RoHS

Power

Power consumption (read)	10 W
Power consumption (write)	7 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
Non-operating shock	1500 G
Maximum operating altitude	3050 m

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