



Lenovo PM1643a 1.92 TB 2.5" SAS V-NAND TLC

Brand : Lenovo

Product code: 4XB7A38176

Product name : PM1643a

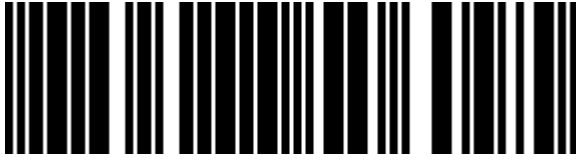


- Enterprise-grade SSD suitable for read-intensive workloads
- Based on Samsung 64-layer V-NAND technology and TLC flash memory
- Endurance of 1 drive-write per day (DWPD) over 5 years
- 2.5-inch or 3.5-inch industry standard form factor with hot-swap tray
- SAS 12 Gbps interface
- Single port host interface
- Protect data integrity from unexpected power loss with Samsung's advanced power-loss protection architecture
- Supports Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)
- End-to-end data protection
- Support 16 Initiator with Tag Command Queuing (TCQ) Command Set with a queue-depth of up to 128 commands
- Compliant with SCSI Specification (SAS-3 / SPL-3 / SBC-4 / SPC-4 / SAM-5)
- RoHS Compliant

ThinkSystem 2.5" PM1643a 1.92TB Entry SAS 12Gb Hot Swap SSD

Lenovo PM1643a. SSD capacity: 1.92 TB, SSD form factor: 2.5", Read speed: 1000 MB/s, Write speed: 1000 MB/s, Data transfer rate: 12 Gbit/s, Component for: Disk array

Features		Power	
SSD capacity *	1.92 TB	Power consumption (write)	12 W
SSD form factor *	2.5"	Weight & dimensions	
Interface *	SAS	Width	70 mm
Memory type *	V-NAND TLC	Depth	100 mm
Component for *	Disk array	Height	15 mm
Data transfer rate	12 Gbit/s	Weight	158 g
Read speed	1000 MB/s	Packaging data	
Write speed	1000 MB/s	Package width	133 mm
Random read (4KB)	230000 IOPS	Package depth	174 mm
Random write (4KB)	60000 IOPS	Package height	63 mm
Read latency	240 µs	Operational conditions	
Write latency	220 µs	Operating temperature (T-T)	0 - 70 °C
S.M.A.R.T. support	✓	Storage temperature (T-T)	-40 - 85 °C
Hot-swap	✓	Operating relative humidity (H-H)	5 - 95%
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Operating vibration	20 G
Mean time between failures (MTBF)	2000000 h	Operating shock	1500 G
Certification	UL, TUV, FCC, IC, CB, C-Tick Mark,BSMI (Taiwan), KCC (Korea EMI), VCCI	Maximum operating altitude	4572 m
Power		Other features	
Power consumption (read)	9 W	Compliance certificates	CE, RoHS
Logistics data			
		Harmonized System (HS) code	84717070



0889488506095



889488506095

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.