



## Lenovo 4XB7A17063 internal solid state drive 1.6 TB 2.5" SAS



**Brand :** Lenovo

**Product code:** 4XB7A17063

**Product name :** 4XB7A17063

ThinkSystem 2.5" PM1645a 1.6TB Mainstream SAS 12Gb Hot Swap SSD

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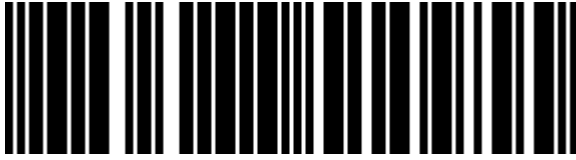
The ThinkSystem PM1645a Mainstream SAS 12Gb solid-state drives (SSDs) in capacities of up to 3.2 TB are next-generation high-performance SSDs suitable for a wide range of applications of running on ThinkSystem servers.

This product guide provides essential presales information to understand the Mainstream 12Gb SAS SSD 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 SSDs and consider their use in IT solutions.

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The PM1645a SSDs are the follow-on to the PM1645 SSDs and offer improved random write performance.

Features		Features	
SSD capacity *	1.6 TB	Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read
SSD form factor *	2.5"	Mean time between failures (MTBF)	2000000 h
Interface *	SAS	<b>Power</b>	
NVMe *	✗	Power consumption (read)	9 W
Component for *	Server/workstation	Power consumption (write)	9 W
Data transfer rate	12 Gbit/s	<b>Weight &amp; dimensions</b>	
Read speed	1000 MB/s	Weight	140 g
Write speed	1000 MB/s	<b>Operational conditions</b>	
Random read (4KB)	230 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	130 IOPS	Storage temperature (T-T)	-40 - 85 °C
Read latency	120 µs	Operating relative humidity (H-H)	5 - 95%
Write latency	45 µs	<b>Other features</b>	
S.M.A.R.T. support	✓	Compliance certificates	RoHS
Hot-swap	✓	<b>Logistics data</b>	
End-to-End Data Protection	✓	Harmonized System (HS) code	84717070



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