



Lenovo 4XB0K12444 internal solid state drive 2.5" 3.84 TB Serial ATA III



Brand : Lenovo

Product code: 4XB0K12444

Product name : 4XB0K12444

3840 GB, LTS Gen 5, SATA 6 Gbps, 2.5", HS SSD

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The 5100 Enterprise Mainstream SATA solid-state drives (SSDs) use Micron NAND flash memory technology with a SATA 6Gbps interface. They provide an affordable solution for mixed read/write applications such as excellent choice as cache in transactional application and high-speed storage for enterprise databases.

The 5100 Series of SATA SSDs is available from Lenovo in two levels of endurance. The Enterprise Mainstream SSDs covered in this product guide offer drive write endurance of between 2.5 and 5.0 total drive writes per day (DWPD) whereas the Enterprise Entry SSDs covered in LP0633 are more for read-intensive workloads and offer write endurance of under 1.0 DWPD.

Rigorous testing of the 5100 Series SSDs by Lenovo through the ServerProven program assures a high degree of storage subsystem compatibility and reliability. Providing additional peace of mind, these drives are covered under Lenovo warranty.

Features		Features	
SSD form factor *	2.5"	Read latency	500 μ s
SSD capacity *	3.84 TB	Write latency	500 μ s
Interface *	Serial ATA III	Hot-swap	✓
Component for *	Server/workstation	Mean time between failures (MTBF)	2000000 h
Data transfer rate	6 Gbit/s	Power	
Read speed	540 MB/s	Power consumption (read)	6 W
Write speed	520 MB/s	Power consumption (write)	6 W
Random read (4KB)	93000 IOPS	Other features	
Random write (4KB)	18000 IOPS	Product colour	Black

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