



Lenovo 5100 2.5" 3.84 TB Serial ATA III

Brand : Lenovo

Product code: 4XB0K12420

Product name : 5100



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

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Introduction

The 5100 Enterprise Entry SATA solid-state drives (SSDs) use Micron NAND flash memory technology with a SATA 6Gbps interface. They provide an affordable solution for read-intensive applications such as boot, web servers, lower data rate operational databases and analytics.

Did you know?

The 5100 Series of SATA SSDs is available from Lenovo in two levels of endurance. The Enterprise Entry SSDs covered in this product guide offer drive write endurance of between 0.5 and 0.9 total drive writes per day (DWPD) whereas the Enterprise Mainstream SSDs covered in LP0634 are more for mixed read/write workloads and offer write endurance of between 2.5 and 5.0 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

SSD form factor *	2.5"
SSD capacity *	3.84 TB
Interface *	Serial ATA III
Component for *	Server/workstation
Data transfer rate	6 Gbit/s
Read speed	540 MB/s
Write speed	520 MB/s
Random read (4KB)	93000 IOPS
Random write (4KB)	30000 IOPS

Features

Read latency	500 μ s
Write latency	500 μ s
Hot-swap	✓
Mean time between failures (MTBF)	2000000 h

Power

Power consumption (read)	6 W
Power consumption (write)	6 W

Packaging data

Quick start guide	✓
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Publication date: 22-JAN-2024. Prints or copies of Information are only valid on the printed Publication date