

LS800 SATA III 2.5" SSD

Lenovo LS800 SSD offers impressive speeds of up to 520 MB/s read and 500 MB/s write. Its slim design fits seamlessly into desktops and laptops. With a range of capacities, it's versatile for all your storage needs. Backed by a 3-year warranty, the LS800 combines reliability and performance in a cost-effective SSD solution.



Read speeds
up to 520 MB/s



Safer
Data



Full range of
Capacities



Rigorous
Tests

Product Features

Read speeds up to 520 MB/s

With the Lenovo LS800 SATA III 2.5", you get a better performance in a cost-effective SSD solution. The LS800 offers a higher-performance controller and SATA 3.0 to deliver up to 520 MB/s sequential read and 500 MB/s sequential write speeds.

A full range of capacities

The Lenovo LS800 provides a range of capacities from 240 GB to 1920 GB, the perfect storage solutions for your different requirements.

Built-in data protection

Built with a flagship master controller, Lenovo LS800 has superb reliability and durability. The controller acts like an onboard repairperson who stops things that could go wrong inside the storage unit. Even if you wear out some parts of the storage over time, the controller helps spread the wear evenly, so your SSD lasts a lot longer.

Rigorous Testing

Rigorously tested for system compatibility, reliability, performance, and use of applications, the LS800 boasts broad compatibility with most products available on the market.

Lenovo Advantages

Since 1995 Lenovo has shipped more than half a billion PCs and makes three devices every second. Now a world-leading technology solutions company, Lenovo's vision of "Smarter technology for all" has always been about shaping computing intelligence to create a better world.

By designing, producing, and marketing an officially licensed range of Lenovo branded SSDs, BIWIN embraces Lenovo's vision of Smarter Technology for All.

LS800 SATA III SSD

Product Specifications

Interface	SATA III, 6.0 Gb/s			
Form Factor	2.5 Inch			
Capacity	240 GB	480 GB	960 GB	1920 GB
Sequential Read Speed (Up to)	520 MB/s	520 MB/s	520 MB/s	520 MB/s
Sequential Write Speed (Up to)	460 MB/s	490 MB/s	500 MB/s	500 MB/s
4K Random Read Speed (Up to)	44 K IOPS	80 K IOPS	94 K IOPS	95 K IOPS
4K Random Write Speed (Up to)	67 K IOPS	67 K IOPS	66 K IOPS	65 K IOPS
Max. Power Consumption (Read)	0.8 W	0.8 W	0.9 W	0.9 W
Max. Power Consumption (Write)	1.0 W	1.1 W	1.1 W	1.2 W
Max. Power Consumption (Idle)	0.2 W	0.2 W	0.2 W	0.2 W
Dimensions	100.00 x 70.00 x 6.70 mm			
Weight	< 50 g			
MTBF	1,000,000 hours			
Operating Temperature	0 °C to 70 °C			
Storage Temperature	-40 °C to 85 °C			
Shock Resistance	100 G / 6 ms			
Vibration Resistance	3.1 GRMS (2-500 Hz)			
Certifications	CE, UKCA, RCM, BSMI, KC, RoHS, CB, VCCI, WHQL			
Warranty	3-Year / 60 TBW	3-Year / 120 TBW	3-Year / 250 TBW	3-Year / 500 TBW

1. Maintenance and future updates are required throughout product life cycle. Specifications are subject to change without notice.

2. The pictures are for illustration only. Actual product may vary due to product enhancements or changes.

3. Not all products are sold in all regions of the world.

4. As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabytes (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabyte per second (GB/s) = one billion bytes per second.

5. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.

6. Please visit www.lenovo-storage.com for more details.



**Smarter
technology
for all**

Lenovo