

# LN860 PCIe 3.0 SSD

Experience the high-performance Lenovo LN860 SSD, featuring a cutting-edge PCIe Gen 3 x 4 controller, NVMe 1.4 support, and a super-fast 3500 MB/s sequential read speed. With 2 TB capacity and power-saving technology, this single-sided board SSD brings together speed, efficiency, and reliability in one powerful package.



Up to  
3500 MB/s Read



Low Power  
Consumption



Wide  
Compatibility



Rigorous  
Tests

## Product Features

### Read Speeds up to 3500 MB/s

Experience faster data transfer speeds with sequential read and write speeds of up to 3500 MB/s and 3000 MB/s. Perfect for dealing with larger files and resource-intensive applications.

### Ultra-thin Design

The LN860 SSD features a sleek single-sided design, less than 2.5 mm thick, ideal for slim and lightweight laptops.

### Extended Battery Life

Optimize laptop power with Lenovo LN860 SSD's energy-saving technology, ensuring extended battery life while maintaining high-speed data access.

### Reliable Performance

Rigorous testing ensures data safety, system stability, and consistent performance, all supported by high-end SSD controller technology.

## 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.

# LN860 PCIe 3.0 SSD Product Specifications

Interface	PCIe Gen 3 x 4, NVMe 1.4			
Form Factor	M.2 2280			
Capacity	256 GB	512 GB	1 TB	2 TB
Sequential Read Speed (Up to)	3100 MB/s	3500 MB/s	3500 MB/s	3350 MB/s
Sequential Write Speed (Up to)	1800 MB/s	1900 MB/s	3000 MB/s	3000 MB/s
4K Random Read Speed (Up to)	240 K IOPS	470 K IOPS	480 K IOPS	420 K IOPS
4K Random Write Speed (Up to)	290 K IOPS	370 K IOPS	380 K IOPS	370 K IOPS
Max. Power Consumption (Read)	2.0 W	2.0 W	2.0 W	2.3 W
Max. Power Consumption (Write)	2.2 W	2.8 W	2.9 W	3.5 W
Max. Power Consumption (Idle)	0.5 W	0.5 W	0.5 W	0.5 W
Dimensions	80.00 x 22.00 x 2.40 mm (Single side)			
Weight	< 10 g			
MTBF	1,500,000 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	UL, CE, UKCA, RCM, BSMI, KC, RoHS, CB, VCCI, WHQL			
Warranty	5-Year / 200 TBW	5-Year / 400 TBW	5-Year / 800 TBW	5-Year / 1600 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. Measured using the MobileMark™ 2012 benchmark with DIPM (Device Induced Power Management) enabled.

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

7. Please visit [www.lenovo-storage.com](http://www.lenovo-storage.com) for more details.



**Smarter  
technology  
for all**

**Lenovo**