

# LN960 PCIe 4.0 SSD

With a high-performance controller and superb NAND Flash, the Lenovo LN960 PCIe 4.0 SSD will achieve 7400 MB/s read and 6500 MB/s write speeds. The single-sided M.2 2280 design fits any desktop, laptop, and PS5 perfectly for a system upgrade. The Lenovo LN960 is the ideal drive to upgrade your gaming, content creation, and entertainment experiences.



7400 MB/s  
Read



Ultra-thin graphene  
thermal pad



Up to  
4 TB



HMB and  
SLC Cache

## Product Features

### Blazing Fast Speeds

The Lenovo LN960 delivers remarkable performance with speeds up to 7400 MB/s read and 6500 MB/s write. With PCIe 4.0 and NVMe 2.0, LN960 offers you quicker data access and faster content creation.

### Large Capacity

With a capacity up to 4 TB, the LN960 can store a vast amount of data and files, making it perfect for anyone with extensive storage needs.

### Better Heat Management

Equipped with an ultra-thin graphene thermal pad, the LN960 efficiently controls temperatures, preventing overheating during demanding tasks.

### Enhanced Performance

Supporting features like Host Memory Buffer (HMB) and SLC Cache, the LN960 offers enhanced game loading and faster file transfers while maintaining low power consumption.

## 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.

# LN960 PCIe 4.0 SSD Product Specifications

|                                |   |                      |                      |                      |
|--------------------------------|---|----------------------|----------------------|----------------------|
| Interface                      | PCIe Gen 4 x 4, NVMe 2.0                          |                      |                      |                      |
| Form Factor                    | M.2 2280  |                      |                      |                      |
| Capacity                       | 512 GB  | 1 TB                 | 2 TB                 | 4 TB                 |
| Sequential Read Speed (Up to)  | 7200 MB/s   | 7400 MB/s            | 7400 MB/s            | 7400 MB/s            |
| Sequential Write Speed (Up to) | 4700 MB/s   | 6500 MB/s            | 6500 MB/s            | 6500 MB/s            |
| 4K Random Read Speed (Up to)   | 880 K IOPS  | 1100 K IOPS          | 1100 K IOPS          | 930 K IOPS           |
| 4K Random Write Speed (Up to)  | 800 K IOPS  | 950 K IOPS           | 950 K IOPS           | 1000 K IOPS          |
| Max. Power Consumption (Read)  | 2.75 W  | 2.15 W               | 2.90 W               | 3.20 W               |
| Max. Power Consumption (Write) | 3.00 W  | 3.25 W               | 3.40 W               | 3.25 W               |
| Max. Power Consumption (Idle)  | 35 mW   | 45 mW                | 38 mW                | 37 mW                |
| 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 /<br>500 TBW                               | 5-Year /<br>1000 TBW | 5-Year /<br>2000 TBW | 5-Year /<br>4000 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**