



# GM7000 PCIe 4.0 SSD

With PCIe 4.0, GM7000 M.2 SSD features blazingly fast read and write speeds of up to 7400 MB/s and 6700 MB/s. Enjoy an unparalleled experience for big gaming, intensive business or demanding hobbies.

 <p>High-speed PCIe 4.0</p>	 <p>Read speeds up to 7400 MB/s</p>
 <p>Write speeds up to 6700 MB/s</p>	 <p>DRAM independent cache</p>
 <p>Biwin Intelligence Software</p>	 <p>Efficient heat dissipation</p>



## Product Features

### PCIe Gen4 standard

The flagship Predator GM7000 M.2 SSD leverages PCIe 4.0 to offer sequential read and write speeds up to 7400 MB/s\* and 6700 MB/s\*. This blazing speed exceeds previous generations.

### DRAM independent cache

Equipped with a large capacity independent cache, this SSD reaches impressive random read and write speeds up to 1350 K IOPS\* and 1150 K IOPS\* -- and reduces any invalid writing to grant a longer lifespan.

### Full-capacity design

With a capacity of up to 4 TB, consumers can enjoy an incomparably smooth experience. Built with high-quality NAND Flash, GM7000 provides more accessible storage space than other SSDs with the same capacity\*.

### Better heat management

GM7000 features a custom-made graphene-laced foam pad featuring higher thermal conductivity, dissipating heat and reducing operating temperature under heavy workloads.

### Less energy, more life

GM7000 SSD controller integrates PMU power management unit to save energy. Compared to other SSDs, the GM7000 can help your PC have a longer lifespan.

### Biwin Intelligence Software

Biwin Intelligence is multifunctional management software, designed to support Predator branded storage products. For a more convenient and more secure storage experience, this software helps users manage their drives with features like performance test, data migration, drive cloning, and more.

\*Tested by our labs. Speed varies according to your computer's capabilities and environment.

## Predator Advantage

Predator is a high-end gaming brand owned by the world-renowned PC manufacturer Acer. With a respected series of premium products for hardcore gamers and enthusiasts, Predator brand is recognized as a leader in the gaming community by experts and influencers. Under an official license, Predator storage and memory products are designed, built, and marketed by a specialist maker of SSDs. Meeting strict licensing conditions ensures each product lives up to the brand name.

# Predator GM7000 PCIe 4.0 SSD

## Product Specifications

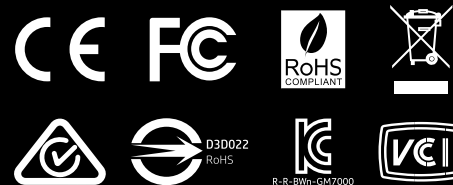
Interface	PCIe Gen 4.0 x 4, NVMe 1.4			
Capacity	512 GB	1 TB	2 TB	4 TB
DRAM Cache	1 GB	1 GB	2 GB	4 GB
Max. Sequential Read Speed (MB/s)	7400	7400	7400	7400
Max. Sequential Write Speed (MB/s)	3400	6400	6700	6700
Max. Random Read Speed (IOPS)	540 K	1000 K	1300 K	1350 K
Max. Random Write Speed (IOPS)	900 K	1000 K	1100 K	1150 K
Operating Power Consumption (Read)	4.83 W	4.96 W	5.09 W	5.18 W
Operating Power Consumption (Write)	4.28 W	5.99 W	6.27 W	6.29 W
Idle Power Consumption	0.92 W	0.99 W	1.09 W	1.10 W
Dimensions	80.00 x 22.00 x 2.20 mm (512 GB / 1 TB: Single side) 80.00 x 22.00 x 5.90 mm (2TB / 4 TB: Double side)			
Weight	9.8 g ± 1 g			
MTBF	≤ 1,500,000 hours			
Operating Temperature	0 °C to 70 °C / 32 °F to 158 °F			
Non-operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F			
Shock Resistance	1500 G / 0.5 ms			
Vibration Resistance	6.0667G RMS (20-2000 Hz)			
Certifications	CE, FCC, RoHS, BSMI, KCC, VCCI, RCM			
Warranty / Support	5-Year / 375 TBW	5-Year / 750 TBW	5-Year / 1500 TBW	5-Year / 3000 TBW

- Maintenance and future updates are required throughout product life cycle. Specifications are subject to change without notice.
- The pictures are for illustration only. Actual product may vary due to product enhancements or changes.
- Not all products are sold in all regions of the world.
- 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.
- Measured using the MobileMark™ 2012 benchmark with DIPM (Device Induced Power Management) enabled.
- MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.
- Please visit [www.predatorstorage.com](http://www.predatorstorage.com) for more details.

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