

# GM7 PCIe 4.0 SSD

With a high-performance controller and superb NAND Flash, the Predator GM7 PCIe 4.0 SSD will hit 7400 MB/s read- and 6500 MB/s write-speeds. The single-sided M.2 2280 PCB fits any desktop, laptop, and PS5 perfectly for a system upgrade. The Predator GM7 is the ideal drive users need to upgrade their gaming, content creation, and entertainment experiences.

 7400 MB/s Read	 6500 MB/s Write
<b>HMB</b> HMB	 Single-sided PCB
 Biwin Intelligence Software	



## Product Features

### PCIe 4.0 Gen4

The high-performance Predator GM7 delivers uncompromising speeds up to 7400 MB/s read- and 6500 MB/s write-speeds using the PCIe 4.0 interface and NVMe 2.0. It is the ideal SSD for enthusiasts to ace their games, enabling content creation without any hassle.

### HMB+SLC Cache

Predator GM7 supports HMB (Host Memory Buffer) and is equipped with SLC Cache to provide next-level performance, enabling faster game loads and files transmission.

### Powerful controller and NAND Flash

Equipped with the latest PCIe controller technology and state-of-the-art flash, the Predator GM7 boasts an excellent performance at lower power consumption creating less heat.

### Full capacity

Featuring quality NAND, the Predator GM7 provides a whopping performance and a longer lifespan. The Predator GM7 is available in higher capacities to meet any storage requirements.

### Excellent temperature control

Predator GM7 adopts Thermal Throttling, and Power Management to achieve automatic temperature control, overcoming heat issues even under heavy workload.

### 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.

## 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.

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## Product Specifications

Interface	PCIe Gen 4.0 x 4, NVMe 2.0			
Form Factor	M.2 2280			
Capacity	512 GB	1 TB	2 TB	4 TB
Max. Sequential Read (MB/s)	7200	7200	7200	7400
Max. Sequential Write (MB/s)	3800	6300	6300	6500
Max. Random Read (IOPS)	968 K	990 K	925 K	950 K
Max. Random Write (IOPS)	724 K	997 K	974 K	980 K
Operating Power Consumption (Read)	3.58 W	3.82 W	4.79 W	4.61 W
Operating Power Consumption (Write)	3.3 W	5.18 W	5.67 W	5.81 W
Idle Power Consumption	0.046 W	0.048 W	0.048 W	0.048 W
Dimensions	80.00 × 22.00 × 2.20 mm (Single side)			
Weight	7 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	6.0667 GRMS (20-2000 Hz)			
Certifications	CE, FCC, RoHS, BSMI, KCC, VCCI, RCM			
Warranty	5-Year / 300 TBW	5-Year / 600 TBW	5-Year / 1200 TBW	5-Year / 2400 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.

Acer Storage Customer Service Hotline in US:  
1-866-351-8791

Acer Storage After-sales Service in US:  
Email: [Storage.SupportUS@acer.com](mailto:Storage.SupportUS@acer.com)  
Chat: [Go.Acer.com/US.Storage.Chat](https://go.acer.com/US.Storage.Chat)

Other Countries:  
Email: [CS@predatorstorage.com](mailto:CS@predatorstorage.com)



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