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

HMB

HMB

Single-sided PCB

Free Acronis cloning

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.

Free Acronis cloning

With our free customized version of Acronis True Image, consumers have access to seamless data transfer and backup. This cloning software is able to restore system functions in a natural disaster or emergency to ensure data preservation, security and privacy.

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 GM7 PCIe 4.0 SSD

Product Specifications

Interface	PCIe Gen 4.0 x4, 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

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.predatorstorage.com for more details.

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