



Predator GM6

Predator GM6 PCIe Gen4 NVMe 2.0 M.2 SSD with PCIe Gen4×4 interface delivers faster read and write speeds up to 7200 MB/s and 6200 MB/s, enabling seamless gaming, efficient content creation, and fast data transfers. Available in capacities up to 4 TB, it provides ample space for large files and high-resolution media. Compact and easy to install, the GM6 is designed to upgrade desktops, laptops, and consoles.

Gen4

PCIe Gen4×4



Up to
7200 MB/s Read



HMB+SLC



Up to 4 TB



M.2 2280
Single-Sided Design



Product Features

Powerful PCIe Gen4, Faster Data Transfers

Speed up your game with the Predator GM6. Based on the PCIe Gen4×4 interface and NVMe 2.0 protocol, Predator GM6 delivers sequential read speeds up to 7200 MB/s and write speeds up to 6200 MB/s*, significantly reducing load times and accelerating data-intensive processes. Speed without compromise.

Massive Storage, Up to 4TB

Predator GM6 offers storage capacity options ranging from 512 GB to 4 TB. With the full-capacity design, the massive space ensures that you can store your entire game library, media collection, or work files on a single drive. Built with premium NAND flash, it delivers consistent, high-speed performance across all your data needs.

Accelerate Your Gameplay with HMB & SLC Cache

Featuring HMB (Host Memory Buffer) and intelligent SLC (Single-Level Cell) Cache technology, the GM6 optimizes data transfer by efficiently managing system memory and caching frequently accessed data. This combination ensures rapid game launches, instant scene transitions, and seamless in-game performance.

Efficient Heat Dissipation, Stable Performance

Predator GM6 incorporates innovative thermal solutions to keep your SSD cooler while performing at its best. It comes with a 0.5 mm graphene thermal pad to dissipate heat more efficiently to prevent overheating. Featuring both Thermal Throttling and Power Management systems, the GM6 regulates performance and power consumption intelligently to effectively reduce the drive's temperature, maintaining stable performance output while enhancing the device's battery life.

Single-Sided PCB, Upgrade with Ease

Predator GM6 is designed with an M.2 2280 single-sided PCB, a compact, space-efficient form factor that fits into a wide range of systems. Whether upgrading your desktop, enhancing the storage capacity of your laptop, or expanding your PS5 storage, the GM6 delivers an effective solution for all your storage needs. Its backward PCIe 3.0 compatibility ensures broader support, making it a versatile choice for multi-platform upgrades.

5-Year Warranty, Built for Reliability

Designed for reliable durability, Predator GM6 is backed by a 5-year warranty, ensuring long-lasting performance and peace of mind for users. Built under stringent quality assurance, the GM6 ensures long-lasting performance even under the most intense workloads. Built to last, it offers dependable top-tier performance for years to come.

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, the 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.

Specifications

Product Specifications

Model Name	Predator GM6			
Form Factor	M.2 2280			
Interface	PCIe Gen4×4			
Capacity	512 GB	1 TB	2 TB	4 TB
Sequential Read (Up to)	6300 MB/s	7200 MB/s	7200 MB/s	7100 MB/s
Sequential Write (Up to)	3100 MB/s	6200 MB/s	6200 MB/s	6100 MB/s
Random Read 4K (Up to)	600K IOPS	1000K IOPS	1000K IOPS	1000K IOPS
Random Write 4K (Up to)	600K IOPS	850K IOPS	800K IOPS	820K IOPS
Dimensions	80.00 × 22.00 × 2.45 mm (single-sided)			
Weight	<10 g			
Operating Temperature	0°C to +70°C			
Storage Temperature	-40°C to +85°C			
MTBF	1,500,000 hours			
Certifications	CE, FCC, RoHS, CB, KCC, BSMI, VCCI, RCM, UKCA			
Warranty	5-Year / 250 TBW	5-Year / 500 TBW	5-Year / 1000 TBW	5-Year / 2000 TBW

1. Tested in our labs. Actual performance may vary due to systems, devices, or environment.

2. Maintenance and future updates are required throughout the product life cycle. Specifications are subject to change without notice.

3. The pictures are for illustration only. Actual products may vary due to product enhancements or changes.

4. Not all products are sold in all regions of the world.

5. 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 the operating environment. As used for buffer or cache, one megabyte (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.

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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