Predator GM9000 SSD

Predator GM9000 PCIe Gen5×4 NVMe 2.0 M.2 SSD delivers impressive performance with read/write speeds up to 14000 MB/s and 13000 MB/s. Powered by an advanced 6nm controller and a cutting-edge algorithm for heat dissipation, it optimizes both efficiency and performance. Equipped with SLC Cache and DRAM Cache, Predator GM9000 accelerates data flow, improving read/write speeds and reducing redundant writes and wait times. Whether for gaming, content creation, or AI work, this SSD enhances your system performance to deliver top-tier reliability and speed.

Gen5
PCIe Gen5×4

Up to 14000 MB/s Read

6nm
Advanced 6nm Controller

DRAM Cache + SLC Cache

Up to 4 TB



Product Features

14000 MB/s, Faster Than Ever

Predator GM9000 features a PCIe Gen5×4 interface, delivering read and write speeds up to 14000 MB/s and 13000 MB/s. Experience a new level of speed and responsiveness for both gaming and professional applications, including AAA games, content creation and AI tasks.

Precision Powered by 6nm Controller

Built with the latest 6nm controller and supporting up to 8 NAND channels, Predator GM9000 strikes the perfect balance between performance and power efficiency. Its cutting-edge algorithm and systems for heat dissipation maintain stable performance, keeping your system at peak performance.

DRAM Cache + SLC Cache

Predator GM9000 integrates a large DRAM cache combined with advanced SLC cache to optimize data flow. With random read/write performance of up to 2000K/1600K IOPS, it minimizes unnecessary data writes, ensuring higher efficiency and extending the product's lifespan.

Advanced Tech, Comprehensive Data Integrity

Predator GM9000 is equipped with powerful technologies like Microsoft DirectStorage, SLC (Single-Level Cell) Cache, and ECC (Error-Correcting Code) that protect your data from corruption and loss during high-speed transfers. These reliable, cutting-edge features ensure smooth gameplay and quick task execution.

The Capacity You Need,Up to 4 TB

With up to 4 TB of capacity, Predator GM9000 offers ample space for storing massive AAA game libraries, high-quality media files, and critical applications. With high-capacity storage, you can focus on what matters—performing at your best in the game or during professional tasks.

Durability You Can Count On

Predator GM9000 delivers industry-leading endurance with up to 3200 TBW* and a 5-year limited warranty. Engineered for demanding tasks, this SSD ensures consistent performance and peace of mind.

*GM9000: 1 TB 800 TBW / 2 TB 1600 TBW / 4 TB 3200 TBW

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 GM9000		
Form Factor	M.2 2280		
Interface	PCIe Gen5×4		
Capacity	1 TB	2 TB	4 TB
DRAM Cache	1 GB	2 GB	4 GB
Sequential Read (Up to)	14000 MB/s	14000 MB/s	14000 MB/s
Sequential Write (Up to)	10500 MB/s	13000 MB/s	13000 MB/s
Random Read 4K (Up to)	1600K IOPS	2000K IOPS	2000K IOPS
Random Write 4K (Up to)	1600K IOPS	1600K IOPS	1600K IOPS
Dimensions	80.00 ×22.00 ×2.50 mm (single-sided)		
Weight	<10 g		
Operating Temperature	0 ℃ to +70 ℃		
Storage Temperature	-40 ℃ to +85 ℃		
MTBF	1,500,000 hours		
Certifications	CE, FCC, RoHS, CB, KCC, BSMI, VCCI, RCM, UKCA		
Warranty	5-Year / 800 TBW	5-Year / 1600 TBW	5-Year / 3200 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.

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

Acer Storage After-sales Service in the US:
Email: Storage.SupportUS@acer.com
Chat: Go.Acer.com/US.Storage.Chat

Other Countries:
Email: CS@predatorstorage.com

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