



Predator GM9

The Predator GM9 PCIe Gen5x4 SSD offers impressive sequential read speeds up to 14500 MB/s and write speeds up to 11000 MB/s. It is powered by a high-performance 8-channel controller with a DRAM-less design that ensures efficient data processing and reliable performance. For improved thermal management, the Predator GM9 features a copper-graphene composite thermal pad for superior heat dissipation. This design ensures reliable, high-speed performance in even the most demanding applications.

Gen5

PCIe Gen5x4
NVMe 2.0



Up to 4 TB



HMB+SLC cache



DRAM-Less



Up to 14500 MB/s
Read & 11000 MB/s Write



Product Features

Maximize Data Access with PCIe Gen5 Speed

The Predator GM9 SSD delivers cutting-edge sequential read speeds up to 14500 MB/s* and write speeds up to 11000 MB/s, with a PCIe Gen5x4 interface and the latest NVMe 2.0. Designed for demanding applications, the Predator GM9 ensures smooth performance for tasks that require rapid data access, such as AAA gaming, 4K/8K video production, and AI computing.

Advanced Cooling for Peak Performance

Stay cool under pressure with the Predator GM9 SSD and keep your system running at its peak performance. Featuring a copper-graphene composite thermal pad, Predator GM9 provides superior heat dissipation. Combined with advanced Thermal Throttling and Power Management systems, the Predator GM9 automatically adjusts temperature and power consumption for smooth, consistent performance.

Enhance Efficiency with HMB and SLC Cache

The Predator GM9 SSD features advanced Host Memory Buffer (HMB) technology and intelligent SLC caching that dynamically allocates cache blocks to significantly improve write speeds and long-term stability. The result is faster game launches, smoother multitasking, and improved system responsiveness. Enjoy improved performance and stability for all your demanding applications with the Predator GM9 SSD.

Massive Storage for Smooth Gaming and Productivity

Available in capacities up to 4 TB, the Predator GM9's full-capacity design provides users with expansive storage for managing large data sets and demanding applications. Whether you're installing multiple AAA games, storing 4K/8K video files, deploying AI models, or working with extensive datasets, the Predator GM9 has the space and performance you need.

Wide Compatibility Across Multiple Devices

The Predator GM9 features an advanced M.2 2280 single-sided PCB design that provides a thinner form factor, reduced power consumption and improved heat dissipation compared to traditional double-sided SSDs. This results in better overall performance and improved system stability, even under extended heavy usage. Compatible with both PCIe 3.0 and PCIe 4.0 interfaces, the Predator GM9 offers seamless integration with a wide range of devices.

Durability You Can Count On

Built with high durability standards, the Predator GM9 delivers industry-leading endurance with up to 2400 TBW* and a 5-year limited warranty. Designed for demanding tasks, this SSD is your trusted partner for gaming, professional content creation, and everything in between, ensuring consistent performance and peace of mind.

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.

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Specifications

Model Name	Predator GM9		
Form Factor	M.2 2280		
Interface	PCIe Gen5×4, NVMe 2.0		
DRAM Cache	DRAM-less		
Capacity	1 TB	2 TB	4 TB
Sequential Read (Up to)	14000 MB/s	14500 MB/s	14500 MB/s
Sequential Write (Up to)	7300 MB/s	10000 MB/s	11000 MB/s
Random Read 4K (Up to)	1600K IOPS	2000K IOPS	2000K IOPS
Random Write 4K (Up to)	1000K IOPS	1400K IOPS	1500K IOPS
Dimensions	80.00 × 22.00 × 2.50 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	RoHS, FCC, CE, CB, KCC, BSMI, VCCI, RCM, UKCA		
Warranty	5-Year / 600 TBW	5-Year / 1200 TBW	5-Year / 2400 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. While using the product, please ensure to make multiple backups of important data. Biwin is not liable for losses of personal data stored in the product.
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](https://go.acer.com/US.Storage.Chat)

Other Countries:
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