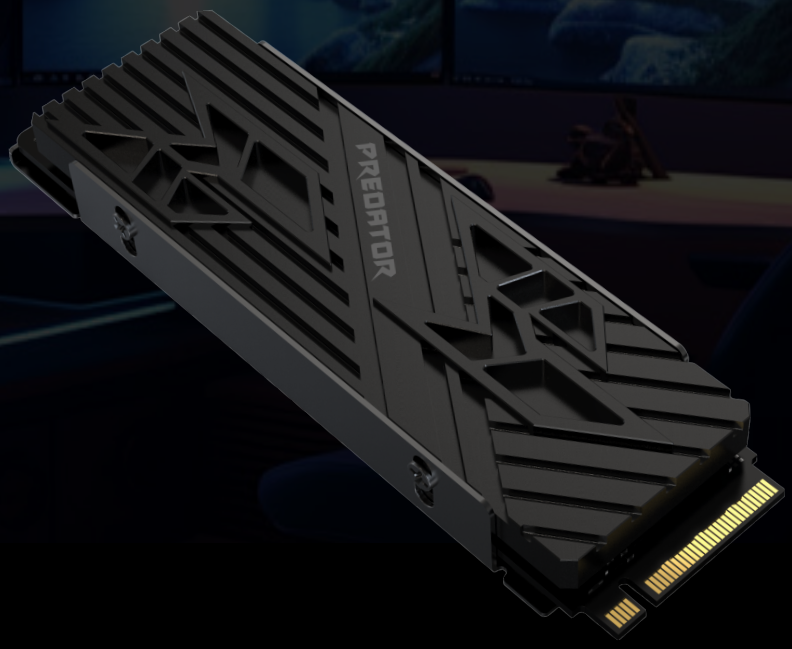
PREDATOR

GM7000 Heatsink

GM7000 Heatsink hits sequential read and write speeds up to 7400 MB/s and 6700 MB/s respectively with a highly-efficient heatsink. It delivers exceptional performance even under intense usage scenarios. Paired with large independent cache, GM7000 Heatsink significantly enhances speeds for loading and game-switching of large-scale games-- and greatly improves productivity when using professional office software, providing a smoother and superior experience.

- New Flagship Gen4
- Capacity up to 4TB
- 5-Year Limited Warranty
- Large Independent Cache
- Biwin Intelligence Software
- Premium Heat Sink



Product Features

Super-fast Read Speeds up to 7400 MB/s

The GM7000 Heatsink offers read and write speeds of up to 7400 MB/s and 6700 MB/s, making it an ideal choice for expanding and upgrading various gaming consoles, mobile workstations, and high-performance computers. With GM7000 Heatsink, you can build a new generation of high-performance gaming and creative work platforms.

More Efficient Heat Dissipation Armor

Designed with customized heat dissipation armor, GM7000 Heatsink integrates a high-efficiency dedicated cooling airflow system that significantly enhances heat dissipation, reducing the SSD operating temperature by up to 25%.

Large Independent Cache

With large independent cache, GM7000 Heatsink excels in random read/write performance, significantly reducing invalid data writes and extending the endurance and longevity of the product.

Massive Capacity up to 4TB

With a spacious option up to 4TB storage capacity, GM7000 Heatsink easily handles intensive operations-- from downloading AAA games to saving large rendering and modeling files. Larger capacity is always better for an enhanced gaming experience.

Comprehensive Data Protection

The GM7000 Heatsink adopts a Gen4 flagship controller, integrating various data protection and encryption technologies to fully safeguard user data.

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.

*Tested in our Labs. Performance may vary according to testing environments, platforms, systems, etc.

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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Product Specifications

Interface	PCIe Gen4 x 4, NVMe1.4			
Capacity	512 GB	1 TB	2 TB	4 TB
Cache	1 GB	1 GB	2 GB	4 GB
Sequential Read Speed (Up to)	7400 MB/s	7400 MB/s	7400 MB/s	7400 MB/s
Sequential Write Speed (Up to)	3400 MB/s	6400 MB/s	6700 MB/s	6700 MB/s
Random Read Speed (Up to)	540 K IOPS	1000 K IOPS	1300 K IOPS	1350 K IOPS
Random Write Speed (Up to)	900 K IOPS	1000 K IOPS	1100 K IOPS	1150 K IOPS
Read Power Consumption	4.83 W	4.96 W	5.09 W	5.18 W
Write Power Consumption	4.28 W	5.99 W	6.27 W	6.29 W
Idle Power Consumption	0.92 W	0.99 W	1.09 W	1.10 W
Dimensions	80.50 x 23.20 x 9.50 mm			
Weight	< 40.0 g			
MTBF	⩽ 1,500,000 hours			
Operating Temperature	0°C to +70°C			
Storage Temperature	-40°C to +85°C			
Shock Resistance	1500 G / 0.5 ms			
Vibration Resistance	6.0667G RMS（20-2000 Hz）			
Certifications	CE, FCC, RoHS, KCC, BSMI, VCCI, RCM			
Warranty / Support	5-Year Limited / 375 TBW	5-Year Limited / 750 TBW	5-Year Limited / 1500 TBW	5-Year Limited / 3000TBW

1. Maintenance and future updates are required throughout the product life cycle. Specifications are subject to change without notice.
2. The pictures are for illustration only. Actual products 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 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.
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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