PREDATOR

GM7000 PCIe 4.0 SSD

With PCIe 4.0, GM7000 M.2 SSD features blazingly fast read and write speeds of up to 7400 MB/s and 6700 MB/s. Enjoy an unparalleled experience for big gaming, intensive business or demanding hobbies.

High-speed PCIe 4.0

Read speeds up to 7400 MB/s

Write speeds up to 6700 MB/s

DRAM independent cache

Free Acronis cloning software

Efficient heat dissipation

Product Features

PCIe Gen4 standard

The flagship Predator GM7000 M.2 SSD leverages PCIe 4.0 to offer sequential read and write speeds up to 7400 MB/s* and 6700 MB/s*. This blazing speed exceeds previous generations.

DRAM independent cache

Equipped with a large capacity independent cache, this SSD reaches impressive random read and write speeds up to 1350 K IOPS* and 1150 K IOPS* -- and reduces any invalid writing to grant a longer lifespan.

Full-capacity design

With a capacity of up to 4 TB, consumers can enjoy an incomparably smooth experience. Built with high-quality NAND Flash, GM7000 provides more accessible storage space than other SSDs ith the same capacity*.

Better heat management

GM7000 features a custom-made graphene-laced foam pad featuring higher thermal conductivity, dissipating heat and reducing operating temperature under heavy workloads.

Less energy, more life

GM7000 SSD controller integrates PMU power management unit to save energy. Compared to other SSDs, the GM7000 can help your PC have a longer lifespan.

Free Acronis cloning software

Built with Acronis True Image, our customized Acronis version is optimized for our SSDs. It lets you easily transfer data, back-up or clone your data.

*Tested by our labs. Speed varies according to your computer's capabilities and environment.

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 GM7000 PCIe 4.0 SSD

Product Specifications

Interface	PCIe Gen 4.0 x 4, NVMe 1.4			
Capacity	512 GB	1 TB	2 TB	4 TB
DRAM Cache	1 GB	1 GB	2 GB	4 GB
Max. Sequential Read Speed (MB/s)	7400	7400	7400	7400
Max. Sequential Write Speed (MB/s)	3400	6400	6700	6700
Max. Random Read Speed (IOPS)	540 K	1000 K	1300 K	1350 K
Max. Random Write Speed (IOPS)	900 K	1000 K	1100 K	1150 K
Operating Power Consumption (Read)	4.83 W	4.96 W	5.09 W	5.18 W
Operating Power Consumption (Write)	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	80.00 x 22.00 x 2.20 mm (512 GB / 1 TB: Single side) 80.00 x 22.00 x 5.90 mm (2TB / 4 TB: Double side)			
Weight	9.8 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	6.0667G RMS（20-2000 Hz）			
Certifications	CE, FCC, RoHS, BSMI, KCC, VCCI, RCM			
Warranty / Support	5-Year / 375 TBW	5-Year / 750 TBW	5-Year / 1500 TBW	5-Year / 3000 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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