GM3500 M.2 SSD

GM3500 M.2 SSD, Predator's first flagship gaming SSD, features an 8-channel flash controller, high-quality 3D NAND and independent DRAM cache in configuration to meet the high demands of storage hardware for next-generation games. Gamers compete professionally and smoothly in every online battle arena game.

- Read speeds up to 3400 MB/s
- High-quality 3D NAND
- 8-channel flagship controller
- Low-power design

Product Features

Read speed up to 3400 MB/s

Sequential read and write speeds up to 3400 MB/s* and 3000 MB/s*, Predator GM3500 M.2 SSD effectively improves game startup speed, scenes loading, and greatly reduces data latency, bringing the extraordinary experience to E-sport players.

Ultra-thin design built with heatsink sticker

Predator GM3500 M.2 SSD is able to work with full potential when it installed in an ultrabook. The back side is armed with a customized copper foil heat spreader for effective heat dissipation. SSD is allowed to work well in long-term gaming.

Customized flagship controller

Adopted professional customized 8-channel flash controller, Predator GM3500 M.2 SSD supports PCIe Gen3×4 interface and NVMe1.3 protocol to thoroughly stimulate the unparalleled performance of SSD. GM3500 empower to meet the demands of transferring ultra-large files and improving work efficiency.

DRAM independent cache

GM3500 M.2 SSD is equipped with a large capacity independent cache that reduces write latency and random read time to achieve better performance. The independent cache effectively reduces invalid driver writing and increases longer lifespan.

High-quality 3D NAND

GM3500 M.2 SSD uses high-quality 3D NAND Flash with excellent read/write performance. Compared to non-standard capacity SSDs, GM3500 provides more accessible capacity, more erase/write cycles, and longer lifespan.

Ensure data security and privacy

Predator GM3500 M.2 SSD supports end-to-end data protection, dynamic & static wear-leveling, 2K LDPC ECC error correction, and RAID and S.M.A.R.T. to fully ensure data and file security.

* Tested by our labs, based on Predator GM3500 1TB. Test results may vary according to different test platforms, programs, and operating environments.

Predator Advantage

Predator is a high-end gaming brand owned by the world-renowned PC manufacturer Acer. It creates a series of enthusiast products for hardcore gaming players, including desktops, laptops, displayers, tablets, projectors, memory sticks, SSDs and other full-service professional equipment. Predator has in-depth insight into players' core storage needs and creates high-end esports storage devices to help gamers become the king of the game battlefield. Bringing a better experience to gamers and users has always been Predator's purpose.

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Product Specifications

Interface	PCIe Gen 3.0 x4, NVMe 1.3		
Capacity	512 GB	1 TB	2 TB
DRAM Cache	512 MB	1 GB	2 GB
Max. Sequential Read Speed (MB/s)	3400	3400	3400
Max. Sequential Write Speed (MB/s)	1800	3000	3000
Max. Random Read Speed (IOPS)	170 K	337 K	330 K
Max. Random Write Speed (IOPS)	123 K	369 K	343 K
Operating Power Consumption (Read)	3.65 W	4.40 W	6.10 W
Operating Power Consumption (Write)	4.37 W	4.94 W	4.71 W
Idle Power Consumption	0.28 W	0.30 W	0.35 W
Dimensions	80.00 x 22.00 x 2.60 mm (Double side)		
Weight	⩽ 11 g		
MTBF	⩽ 2,000,000 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 Resistant	1500 G / 0.5 ms		
Vibration Resistant	6.0667 GRMS (20-2000 Hz)		
Certifications	CE, FCC, RoHS, BSMI, KCC, VCCI, RCM		
Warranty / Support	5-Year / 300 TBW	5-Year / 600 TBW	5-Year / 1200 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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