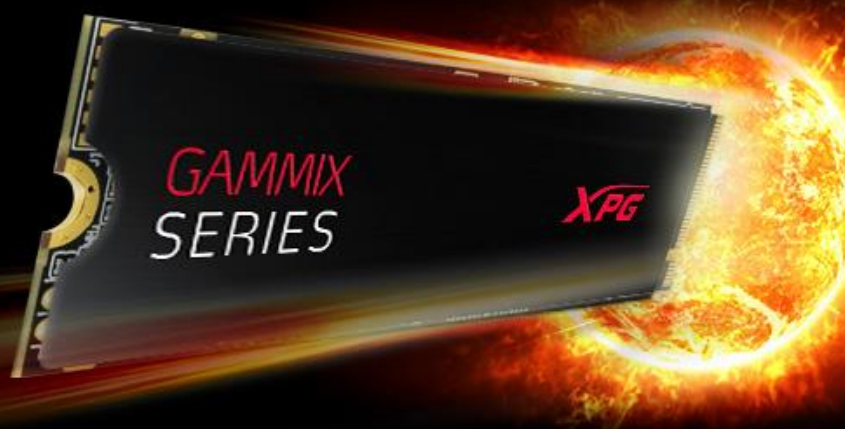XPG GAMMIX S7 PCIe Gen3x4 M.2 2280
Solid State Drive

THINK FAST

GAMMIX
SERIES

XPG GAMMIX S7 PCIe Gen3x4 M.2 2280 Solid State Drive

Utilizing PCIe Gen3x4, 3D NAND Flash, and featuring 3500/3000MB/s read and write, the GAMMIX S7 M.2 2280 SSD gives DIY enthusiasts, overclockers and graphics professionals the performance they need.

Features

- R/W speed up to 3500/3000MB/s
- Capacity up to 2TB
- Ultra-fast PCIe Gen3x4 interface
- SLC Caching and DRAM cache buffer
- 3D NAND Flash for higher capacity and durability
- Advanced LDPC ECC Technology
- AES 256-bit encryption support
- Compact M.2 2280 form factor – ideal for gaming and high-end desktops

Ordering Information

Capacity	Model Number	UPC Code
512GB	AGAMMIXS7-512GT-C	842243014167
1TB	AGAMMIXS7-1TT-C	842243021066
2TB	AGAMMIXS7-2TT-C	842243021028

Specifications

- Capacities: 512GB / 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 80 x 22 x 3.7mm
- Weight: 11.2g / 0.4oz

- Power Consumption: 0.33W Active (Typical), 0.14W Slumber (Typical) (*measured by power meter)
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- Certifications: RoHS, CE, FCC, BSMI,
- Warranty: 5-year limited warranty

Performance

Capacity	ATTO Seq. Read (MB/sec)	ATTO Seq. Write (MB/sec)	CDM (QD32-T1) Seq. Read (MB/sec)	CDM (QD32-T1) Seq. Write (MB/sec)	AS SSD Seq. Read (MB/sec)	AS SSD Seq. Write (MB/sec)	4K Random Read IOPS	4K Random Write IOPS	TBW
512GB	3500	1900	3500	2400	2950	1600	300K	240K	320TB
1TB	3500	1900	3500	3000	2950	1600	290K	240K	640TB
2TB	3500	1900	3500	3000	2950	1600	290K	240K	1280TB

*Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables

Schematics