XPG GAMMIX S70 BLADE
PCIe Gen4x4 M.2 2280 Solid State Drive

SHARP AS A BLADE

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Enjoy next-gen performance with the XPG GAMMIX S70 BLADE PCIe Gen4x4 M.2 2280 solid state drive (SSD). Sporting the latest PCIe Gen4x4 interface and a host of other capabilities, this SSD is capable of reaching blazing-fast read/write speeds of up to 7,400/6,800MB per second.

Features

- R/W speed up to 7,400/6,800MB/s for PC/laptop
- Ultra-fast PCIe Gen4 x4 interface
- Compliant with NVMe 1.4
- Work with PS5
- Read speed up to 6,300MB/s for PS5
- High-temperature resistant aluminum heat sink which is able to reduce temperatures by up to 20%
- Capacity up to 4TB
- SLC Caching and DRAM cache buffer
- Advanced LDPC ECC Technology
- E2E Data Protection and RAID Engine
- AES 256-bit encryption support
- Compact M.2 2280 form factor – ideal for gaming and high-end desktops

Ordering Information

Capacity	Model Number	EAC Code
512GB	AGAMMIXS70B-512G-CS	4711085936219
1TB	AGAMMIXS70B-1T-CS	4711085933065
2TB	AGAMMIXS70B-2T-CS	4711085933072
4TB	AGAMMIXS70B-4T-CS	4711085937858

Specifications

- Capacities: 512GB / 1TB / 2TB / 4TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen4 x4
- Form Factor: M.2 2280
- Controller: Innogrit IG5236
- Sequential read/write (Max.):

  Up to 7,400/6,800MB/s (PC/laptop)

  Read speed up to 6,300MB/s (PS5)
- 4K random read/write IOPS (Max.): 750K/750K
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms

- Weight:

  10g / 0.35oz (with heat sink)

  7g / 0.24oz (without heat sink)
- Dimensions (L x W x T):

  80 x 22 x 4.3mm (with heatsink)

  80 x 22 x 3.3mm (without heatsink)
- Terabytes Written (TBW)(Max. capacity): 2960TB
- MTBF: 2,000,000 hours
- Warranty: 5-year limited
- Certifications: CE, FCC, BSMI, KC, Morocco, EAC, RCM, UKCA, RoHS

Performance

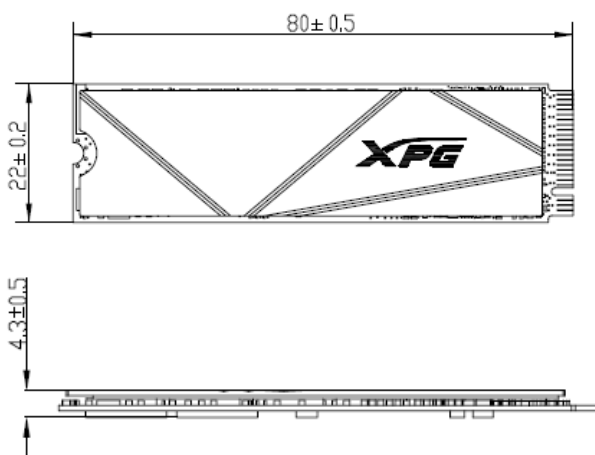| Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[2]		PS5 (Up to)	TBW[3]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	Seq. Read (MB/s)	
512GB	7,200	2,600	425K	510K	6,100	370TB
1TB	7,400	5,500	740K	740K	6,100	740TB
2TB	7,400	6,800	750K	750K	6,100	1480TB
4TB	7,400	6,600	750K	750K	6,300	2960TB

[1]M/B: MSI X570 GAMING PLUS, CPU: AMD Ryzen 7 3700X 8-Core Processor @ 3.60GHZ
[2]Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables
[3]The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>

<Without heatsink>