

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

# SHARP AS A BLADE

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

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 8TB
- 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         | EAN Code      |
|---------------|----------------------|---------------|
| <b>512GB</b>  | AGAMMIXS70B-512G-CS  | 4711085936219 |
| <b>1TB</b>    | AGAMMIXS70B-1T-CS    | 4711085933065 |
| <b>2TB</b>    | AGAMMIXS70B-2T-CS    | 4711085933072 |
| <b>4TB</b>    | AGAMMIXS70B-4T-CS    | 4711085937858 |
| <b>8000GB</b> | AGAMMIXS70B-8000G-CS | 4711085945525 |



## Specifications

- Capacities: 512GB / 1TB(1024GB) / 2TB(2048GB) / 4TB(4096GB) / 8TB(8000GB)
- 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): 5920TB
- 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) <sup>1</sup> |              | 4K Random (Up to) <sup>2</sup> |              | PS5 (Up to)      | TBW <sup>3</sup> |
|----------|---|--------------|--------------------------------|--------------|------------------|------------------|
|          | 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           |
| 8000GB   | 7,300                                       | 6,300        | 750K                           | 650K         | 6,100            | 5920TB           |

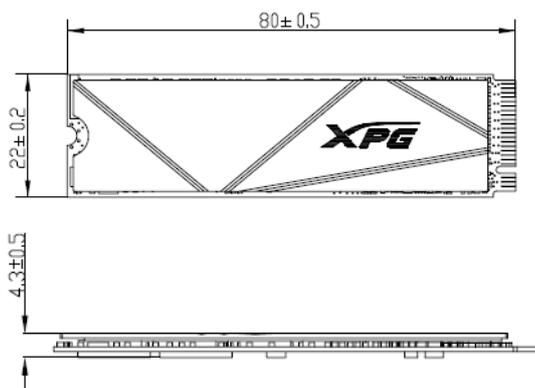
<sup>1</sup>M/B: MSI X570 GAMING PLUS, CPU: AMD Ryzen 7 3700X 8-Core Processor @ 3.60GHZ

<sup>2</sup>Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables

<sup>3</sup>The value is the minimum amount of terabyte written that could be reached.

## Schematics

<With heatsink>



<Without heatsink>

