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# XPG GAMMIX S70 BLADE PCIe Gen4 x4 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
- Ultra-fast PCIe Gen4 x4 interface
- Compliant with NVMe 1.4
- High-temperature resistant aluminum heatsink which is able to reduce temperatures by up to 20%
- Capacity up to 2TB
- 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 |
|---|---|---|
| **1TB** | AGAMMIXS70B-1T-CS | 4711085933065 |
| **2TB** | AGAMMIXS70B-2T-CS | 4711085933072 |

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## Specifications

- Capacities: 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen4 x4
- Form Factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x T):
  80 x 22 x 4.3mm (with heatsink)
  80 x 22 x 3.3mm (without heatsink)
- Weight: 10g / 0.35oz (with heatsink)
  7g / 0.24oz (without heatsink)
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- Certifications: CE, FCC, BSMI, KC, Morocco, EAC
- Warranty: 5-year limited

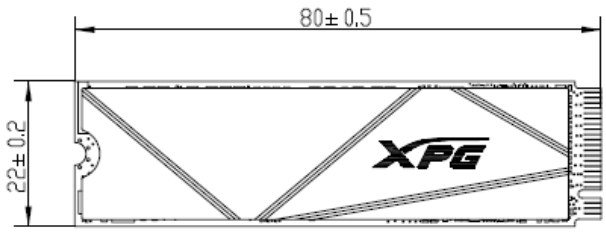
## Performance

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| **1TB** | 7400 | 5500 | 7400 | 5500 | 5600 | 5000 | 740K | 740K | 740TB |
| **2TB** | 7400 | 6700 | 7400 | 6800 | 5700 | 5500 | 750K | 750K | 1480TB |

*M/B: ASRock X570 Taichi, CPU AMD Ryzen 7 5800X, CrystalDiskMark 7.0.0
*Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables

## Schematics

**<With heatsink>**





**<Without heatsink>**