XPG GAMMIX S5 PCIe Gen3x4
M.2 2280 Solid State Drive

STAY COOL
IN THE HEAT
OF BATTLE

XPG GAMMIX S5 PCIe Gen3x4 M.2 2280 Solid State Drive

Boot, load, and transfer faster with the XPG GAMMIX S5 PCIe Gen3x4 M.2 2280 solid state drive (SSD). With support for NVMe 1.4 and equipped with 3D NAND Flash, it offers up to 4 times faster performance than SATA SSDs and up to 2TB of capacity. What's more, the GAMMIX S5 sports excellent heat dissipation capability with a built-in heatsink that can lower temperatures by up to 10°C.

Features

- Ultra-fast PCIe Gen3x4 interface: R/W speed up to 2100/1500MB/s
- NVMe 1.4 support
- 3D NAND Flash for higher capacity and durability
- Unique heatsink design – makes SSD 10°C cooler
- Advanced LDPC ECC Technology
- HMB (Host Memory Buffer) and SLC Caching
- Compact M.2 2280 form factor – ideal for high-end desktops

Ordering Information

Capacity	Model Number	EAN Code
256GB	AGAMMIXS5-256GT-C	4713218469250
512GB	AGAMMIXS5-512GT-C	4713218469267
1TB	AGAMMIXS5-1TT-C	4713218469274
2TB	AGAMMIXS5-2TT-C	4710273778075

Specifications

- Capacities: 256GB / 512GB / 1TB / 2TB
- NAND Flash: 3D TLC
- Controller: RTS5766DL
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Sequential read/write (Max.):
  Up to 2,100/1,500MB/s (PC/laptop)
- 4K random read/write IOPS (Max.): 250K/240K
- Terabytes Written (TBW)(Max. capacity): 1200TB

- Dimensions (L x W x T): 80 x 22 x 3.7mm
- Weight: 11.2g
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 2,000,000 hours
- Certifications: RoHS, CE, FCC, BSMI, UKCA, KCC, EAC, Morocco, RCM
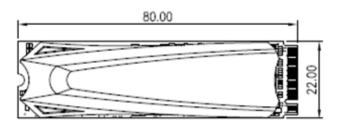- Warranty: 5-year limited

Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	2,100	1,200	190K	180K	150TB
512GB	2,100	1,500	250K	240K	300TB
1TB	2,100	1,500	250K	240K	600TB
2TB	2,100	1,500	250K	240K	1200TB

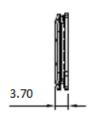[1]Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables

[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

80.00

22.00

3.70

CAN ICES-3 (B)/NMB-3(B)

WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

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R-R-A99-ASX6000PNP RoHS