GAMMIX S55 PCIe Gen4 x4 M.2 2230 SSD

Powering Your Handheld

XPG GAMMIX S55 PCIe Gen4x4 M.2 2230 Solid State Drive

GAMMIX S55 features a PCIe 4.0 interface, with sequential read and write speeds of up to 5,000/3,700MB per second, and up to 2TB storage capacity. Adopting a M.2 2230 form factor, the GAMMIX S55 delivers high-end storage to small systems, handheld and supports the latest Intel and AMD platforms.

Features

- R/W speed up to 5,000/3,700MB/s for PC/laptop
- Ultra-fast PCIe Gen4 x4 interface
- Compliant with NVMe 1.4
- Work with handhelds, tablets and thin devices
- Capacity up to 2TB
- SLC Caching and host memory buffer
- Advanced LDPC ECC Technology
- Pyrite encryption support

Ordering Information

Capacity	Model Number	EAC Code / UPC Code
2TB	GAMMIXS55-2T-C	4711085947482
		842243033243
1TB	GAMMIXS55-1T-C	4711085942357
		842243027839
512GB	GAMMIXS55-512G-C	4711085942340
		842243027822

Specifications

- Capacities: 512GB / 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen4 x4
- Form Factor: M.2 2230
- Sequential read/write (Max.):
  Up to 5,000/3,700MB/s (PC/laptop)
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C

- Weight: 2.7g / 0.09oz
- Dimensions (L x W x T): 30 x 22 x 2.05mm
- Shock Resistance: 1500G/0.5ms
- Terabytes Written (TBW)(Max. capacity): 450TB
- MTBF: 1,500,000 hours
- Warranty: 5-year limited
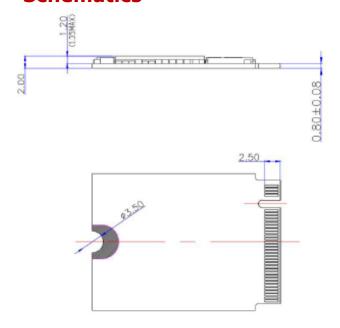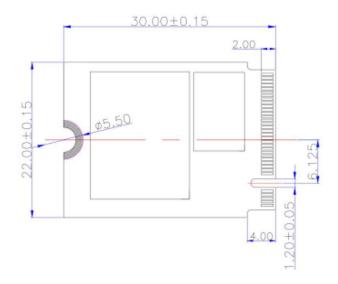- Certifications: CE, FCC, BSMI, KC, Morocco, EAC, RCM, UKCA, RoHS

Performance

Capacity	Sequential Performance (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	
2TB	5,000	3,200	450TB
1TB	5,000	3,700	250TB
512GB	5,000	3,000	230TB

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

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

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

Schematics