



#### XPG GAMMIX S50 PCIe Gen4x4 M.2 2280 Solid State Drive

Utilizing PCIe Gen4x4 and implementing the NVMe 1.3 standard, the GAMMIX S50 solid state drive delivers blazing-fast read/write performance of 5000/4400MB per second. What's more, it features an aluminum heat sink for excellent heat dissipation, 3D Flash memory with up to 2TB capacity, SLC caching, a DRAM cache buffer, End-to-End Data Protection, and low-density parity-check (LDPC) error correcting code technology.

#### **Features**

- Leap into the Future with PCIe 4.0
- R/W speed up to 5000/4400MB/s
- NVMe 1.3 support
- Advanced LDPC ECC Technology
- SLC Caching and DRAM cache buffer
- 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			
1TB	AGAMMIXS50-1TT-C	4710273773582			
2ТВ	AGAMMIXS50-2TT-C	4710273773599			



# **Specifications**

Capacities: 1TB / 2TBNAND Flash: 3D TLCInterface: PCIe Gen4x4

Form Factor: M.2 2280MTBF: 1,700,000 hours

• Dimensions (L x W x T): 22 x 80 x 6.1mm

• Weight: 12g / 0.42oz

Power Consumption: 0.8W Active (Typical),
 0.05W Slumber (Typical) (\*measured by power meter)

Operating Temperature: 0°C~70°C
Storage Temperature: -40°C~85°C
Shock Resistance: 1500G/0.5ms

• Certifications: RoHS, CE, FCC, BSMI, RCM, KC, Morocco

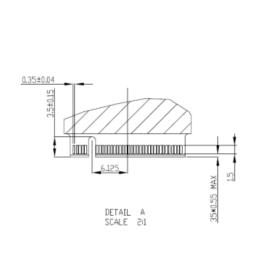
• Warranty: 5-year limited warranty

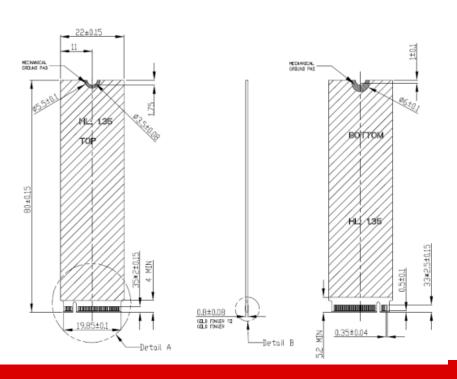
### **Performance**

	ATTO	ATTO	CDM	CDM	AS SSD	AS SSD	4K	4K	
Capacit	Seq.	Seq.	(QD32-T1)	(QD32-T1)	Seq.	Seq.	Random	Rando	TBW
У	Read	Write	Seq. Read	Seq. Write	Read	Write	Read	m Write	IDVV
	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	IOPS	IOPS	
1TB	4700	4200	5000	4400	4100	3700	750K	750K	1800TB
2ТВ	4700	4300	5000	4400	4100	3900	750K	750K	3600TB

<sup>\*</sup>Test system configuration: Intel Gen3 Z270 + PLDA Gen4 switch

## **Schematics**





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