

XPG GAMMIX S50 Lite PCIe GEN4X4 M.2 2280
SOLID STATE DRIVE

THE NEXT IN PCIe



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

Take advantage of PCIe Gen4x4, the latest iteration of the PCIe interface, with the XPG GAMMIX S50 Lite PCIe Gen4x4 M.2 2280 solid state drive. Delivering read/write speeds of up to 3900/3200MB per second and sporting a host of other great features, the GAMMIX S50 Lite will bring your system to the next level.

Features

- R/W speed up to 3900/3200MB/s
- Ultra-fast PCIe Gen4x4 interface
- Capacity up to 2TB
- SLC Caching and DRAM cache buffer
- 3D NAND Flash for higher capacity and durability
- Advanced LDPC ECC Technology
- 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	AGAMMIXS50L-1T-C	4710273778860
2TB	AGAMMIXS50L-2T-C	4710273778877

Specifications



- Capacities: 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen4x4
- Form Factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 80 x 22 x 4.3mm
- Weight: 10g / 3.5oz
- Power Consumption: 0.33W Active (Typical), 0.14W Slumber (Typical) (*measured by power meter)
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- Certifications: CE, FCC, BSMI, KC, RCM, Morocco, EAC
- Warranty: 5-year limited warranty

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	3800	3200	3900	3200	3300	2800	380K	540K	740TB
2TB	3800	3200	3900	3200	3300	2800	490K	540K	1480TB

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

Schematics

