XPG SPECTRIX S20G PCIe Gen3x4 M.2 2280 Solid State Drive

GO TO X-TREMES

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The XPG SPECTRIX S20G's styling will take your PC build to the xtreme with its distinct x-shaped RGB lighting, while its performance will level-up your gaming with read/write speeds of 2500/1800MB per second.

Features

- R/W speed up to 2,500/1,800MB/s
- Ultra-fast PCIe Gen3x4 interface
- Distinct x-shaped RGB lighting
- RGB control software
- SLC Caching and Host Memory Buffer
- Advanced LDPC ECC Technology
- AES 256-bit encryption support
- Works with all the latest Intel and AMD platforms

Ordering Information

Capacity	Model Number	EAC Code
500GB	ASPECTRIXS20G-500G-C	4711085930149
1TB	ASPECTRIXS20G-1T-C	4711085930156

Specifications

- Capacities: 500GB / 1TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Controller: RTS5766DL
- Sequential read/write (Max.):
  Up to 2,500/1,800MB/s (PC/laptop)
- 4K random read/write IOPS (Max.): 160K/190K
- Terabytes Written (TBW)(Max. capacity): 600TB

- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- Dimensions (L x W x T): 80 x 22.1 x 7.55mm
- Weight: 15.4g / 0.54oz
- MTBF: 2,000,000 hours
- Warranty: 5-year limited
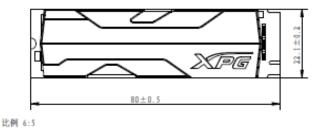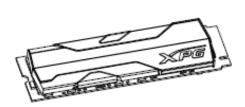- Certifications: CE, FCC, BSMI, KC, Morocco, EAC, UKCA, RCM

Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
500GB	2,500	1,800	160K	170K	300TB
1TB	2,500	1,800	160K	190K	600TB

[1]Actual performance may vary due to available SSD capacity, system hardware and software components, and other factors.
[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

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