SPECTRIX S40G RGB PCIe Gen3x4
M.2 2280 Solid State Drive

SHINE IN FULL GLORY

XPG SPECTRIX S40G RGB PCIe Gen3x4 M.2 2280 Solid State Drive

With sustained read/write speeds of up to 3500/3000MB per second, customizable RGB lighting, and a slew of performance enhancing features, the XPG SPECTRIX S40G is a no brainer for those seeking amazing performance and exceptional reliability.

Features

- Ultra-fast PCIe Gen3x4 interface:

  R/W speed up to 3500/3000MB/s

- NVMe 1.3 support

- 3D NAND Flash for higher capacity and durability

- Customizable RGB lighting

- Capacity up to 2TB

- 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
256GB	AS40G-256GT-C	4710273771106
512GB	AS40G-512GT-C	4710273771113
1TB	AS40G-1TT-C	4710273771120
2TB	AS40G-2TT-C	4710273773575

![XPG logo]

Specifications

- Capacities: 256GB / 512GB / 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Controller: RTS5762A
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 80 x 22 x 8mm
- Weight: 13.4g / 0.47oz

- 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: RoHS, CE, FCC, BSMI, KCC, EAC, RCM, Morocco, UKCA
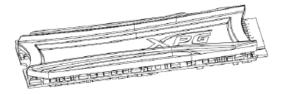- Warranty: 5-year limited

Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[2]		TBW[3]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	3,500	1,200	210K	230K	160TB
512GB	3,500	2,400	300K	240K	320TB
1TB	3,500	3,000	290K	240K	640TB
2TB	3,500	3,000	290K	240K	1280TB

[1]Test system configuration: M/B : ASUS Prime X299-Deluxe II, CPU : Intel® Core™ i9-9820X, CDM ver. : 5.1.2 x64
[2]Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables
[3]The value is the minimum amount of terabyte written that could be reached.

Schematics

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

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

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R-R-A99-AS40G D33A23 RoHS