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XPG GAMMIX S11 PCIe Gen3x4 M.2 2280 Solid State Drive

The GAMMIX S11 M.2 2280 NVMe 1.3 SSD is our fastest SSD to date, utilizing the extra-fast PCIe Gen3x4 interface, reaching stunning R/W speeds of up to 3200/1700MB per second, outpacing SATA 6Gb/s by a huge margin. Implementing 2nd generation 64-layer 3D NAND flash, the S11 also features higher capacity and reliability than ever. Covered by a slim black-red heatsink with the XPG logo, the S11 not only looks cool, but also reduces SSD temperatures by 10°C for excellent cooling. With SLC Caching, DRAM Cache Buffer, and LDPC ECC technologies, it maintains high speeds and data integrity during even the most intense gaming, rendering, overclocking, and other high demand applications.

Features

- Ultra-fast PCIe Gen3x4 interface: R/W speed up to 3200/1700MB/s
- NVMe 1.3 supported
- 2ND generation 64-layer 3D NAND Flash
- Unique heatsink design – makes SSD 10°C cooler
- Advanced LDPC ECC Technology
- SLC Caching and DRAM cache buffer
- RAID Engine and Data Shaping
- Compact M.2 2280 form factor – ideal for desktops

Ordering Information

Capacity	Model Number	EAN Code
240GB	AGAMMIXS11-240GT-C	4713218465610
480GB	AGAMMIXS11-480GT-C	4713218465627
960GB	AGAMMIXS11-960GT-C	4713218465634

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Specifications

- Capacities: 240GB / 480GB / 960GB
- Controller: SMI
- NAND Flash: 2nd Generation 64-layer 3D TLC
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 22 x 80 x 3.5mm
- Weight: 8g
- 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
- LDPC ECC Engine
- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC
- Warranty: 5 years

Performance

Capacity	ATTO Seq. Read (MB/sec)	ATTO Seq. Write (MB/sec)	CDM (QD32) Seq. Read (MB/sec)	CDM (QD32) 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
240GB	3050	1200	3200	1100	2500	1150	200K	240K	160TB
480GB	3050	1700	3200	1700	2500	1600	310K	280K	320TB
960GB	3000	1700	3150	1700	2500	1600	310K	280K	640TB

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

Schematics