

XPG GAMMIX S11 Pro PCIe Gen3x4 M.2 2280

**REMAINS COOL  
AT BLAZING  
SPEEDS**



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

Employing the extra-fast PCIe Gen3x4 interface and supporting NVMe 1.3, the GAMMIX S11 Pro delivers blazing fast read/write speeds of up to 3500/3000MB per second. What's more, the S11 Pro is encased in a heatsink that reduces the SSD's temperatures by up to 10°C. Equipped with 3D NAND Flash along with SLC Caching, a DRAM Cache Buffer, End-to-End Data Protection, and LDPC ECC technology, it maintains high speeds and data integrity even during intense gaming, rendering, overclocking, and other high-demand applications.

### **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
- Unique heatsink design – makes SSD 10°C cooler
- Advanced LDPC ECC Technology
- SLC Caching and DRAM cache buffer
- E2E Data Protection and RAID Engine
- Compact M.2 2280 form factor – ideal for gaming and high-end desktops

### **Ordering Information**

| Capacity     | Model Number        | EAN Code      |
|--------------|---------------------|---------------|
| <b>256GB</b> | AGAMMIXS11P-256GT-C | 4710273770758 |
| <b>512GB</b> | AGAMMIXS11P-512GT-C | 4710273770765 |
| <b>1TB</b>   | AGAMMIXS11P-1TT-C   | 4710273770772 |
| <b>2TB</b>   | AGAMMIXS11P-2TT-C   | 4710273773568 |

## Specifications

- Capacities: 256GB / 512GB / 1TB / 2TB
- NAND Flash: 3D TLC
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 80 x 22 x 6.1mm
- Weight: 11g / 0.38oz
- 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, 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    |
|----------|-------------------------|--------------------------|-------------------------------|--------------------------------|---------------------------|----------------------------|---------------------|----------------------|--------|
| 256GB    | 3350                    | 1150                     | 3500                          | 1200                           | 2950                      | 1100                       | 220K                | 290K                 | 160TB  |
| 512GB    | 3350                    | 2350                     | 3500                          | 2300                           | 3000                      | 2100                       | 390K                | 380K                 | 320TB  |
| 1TB      | 3350                    | 2800                     | 3500                          | 3000                           | 3000                      | 2500                       | 390K                | 380K                 | 640TB  |
| 2TB      | 3350                    | 2900                     | 3500                          | 3000                           | 2950                      | 2600                       | 360K                | 360K                 | 1280TB |

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

## Schematics

