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
256GB	AGAMMIXS11P-256GT-C	4710273770758
512GB	AGAMMIXS11P-512GT-C	4710273770765
1TB	AGAMMIXS11P-1TT-C	4710273770772
2TB	AGAMMIXS11P-2TT-C	4710273773568

Specifications

- Capacities: 256GB / 512GB / 1TB / 2TB
- NAND Flash: 3D NAND
- 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
- Warranty: 5-year limited
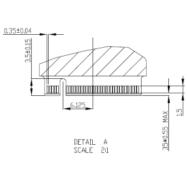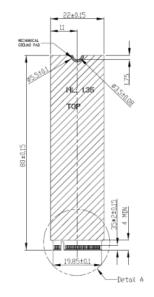- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC, RCM, UKCA, Morocco

Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	3,500	1,200	220K	290K	160TB
512GB	3,500	2,300	390K	380K	320TB
1TB	3,500	3,000	390K	380K	640TB
2TB	3,500	3,000	360K	360K	1280TB

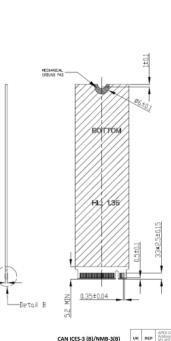[1]Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables
[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

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

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

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EU REP: ADATA Technology B.V. Address: Transpolispark, Siriusdreef 17-27, 2132 WT, Hoofddorp, The Netherlands. E-mail: adata_europe@adata.com

R-R-A99-ASX8200PNP
RoHS