

XPG SX8800 Pro PCIe Gen3x4 M.2 2280 Solid State Drive

STEALTH THIN



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Supporting the next-gen PCIe Gen3x4 interface and equipped with 3D NAND Flash, the SX8800 Pro M.2 2280 SSD is blazing-fast, durable, and just what the PC doctor ordered.

Features

- Ultra-fast PCIe Gen3x4 interface:
R/W speed up to 3500/2700MB/s
- Single-sided low-profile design
- NVMe 1.3 support
- SLC Caching and DRAM cache buffer
- 3D NAND Flash for higher capacity and durability
- AES 256-bit encryption support
- Advanced LDPC ECC Technology

Ordering Information

| Capacity | Model Number | EAN Code |
|--------------|--------------------|---------------|
| 512GB | ASX8800PNP-512GT-C | 4710273774046 |
| 1TB | ASX8800PNP-1TT-C | 4710273774053 |



Specifications

- Capacities: 512GB / 1TB
- NAND Flash: 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 2.15mm
- 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
- Certifications: RoHS, CE, FCC, BSMI, VCCI
- 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 |
|--------------|-------------------------|--------------------------|-------------------------------|--------------------------------|---------------------------|----------------------------|---------------------|----------------------|-------|
| 512GB | 3400 | 2000 | 3400 | 2300 | 2700 | 1600 | 200K | 250K | 320TB |
| 1TB | 3500 | 2000 | 3500 | 2700 | 2900 | 1600 | 290K | 240K | 640TB |

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

Schematics

