

XPG SX6000 Lite PCIe Gen3x4
M.2 2280 Solid State Drive

**IT'S TIME TO
UPGRADE
WITH PCIe**



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Looking to replace your SATA SSD? If so, look no further than the SX6000 Lite PCIe Gen3x4 M.2 2280 SSD. Supporting NVMe 1.4, equipped with 3D NAND Flash, and coming with up to 1TB capacity, the SX6000 Lite is a great upgrade choice.

Features

- Ultra-fast PCIe Gen3x4 interface:
 - R/W speed up to 1800/1200MB/s
- NVMe 1.4 support
- 3D NAND Flash for higher capacity and durability
- Advanced LDPC ECC Technology
- HMB (Host Memory Buffer) and SLC Caching
- Compact M.2 2280 form factor – ideal for high-end desktops, notebooks and Ultrabooks

Ordering Information

Capacity	Model Number
256GB	ASX6000LNP-256GT-B
512GB	ASX6000LNP-512GT-B
1TB	ASX6000LNP-1TT-B

Specifications

- Capacities: 256GB / 512GB / 1TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Sequential read/write (Max.):
Up to 1,800/1,200MB/s (PC/laptop)
- 4K random read/write IOPS (Max.): 220K/200K
- Terabytes Written (TBW)(Max. capacity): 480TB
- Dimensions (L x W x T): 80 x 22 x 2.15mm
- Weight: 8g
- Operating Temperature: 0°C~70°C
- Storage Temperature: -40°C~85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 1,800,000 hours
- Certifications: RoHS, CE, FCC, BSMI, UKCA, KC, Morocco, RCM, EAC
- Warranty: 3-year limited

Performance

Capacity	Sequential Performance (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	
256GB	1,800	900	120TB
512GB	1,800	1,200	240TB
1TB	1,800	1,200	480TB

¹Performance may vary based on SSD capacity, hardware test platform, test software, operating system and other system variables

²The value is the minimum amount of terabyte written that could be reached.

Schematics

