



XPG SX8200 Pro PCIe Gen3x4 M.2 2280 Solid State Drive

The SX8200 Pro M.2 2280 SSD is XPG's fastest SSD to date and is designed for avid PC enthusiasts, gamers, and overclockers. It features an ultra-fast PCIe Gen3x4 interface that offers peak read/write speeds of 3500/3000MB per second, outpacing SATA 6Gb/s by a wide margin. Supporting NVMe 1.3, the SX8200 Pro delivers excellent random read/write performance and multi-tasking capabilities. With SLC caching, a DRAM Cache buffer, E2E Data Protection, and LDPC ECC, it maintains high speeds and data integrity, even during highly intensive applications such as gaming rendering, and overclocking.

Features	Ordering Information				
 Ultra-fast PCIe Gen3x4 interface: 	Capacity	Model Number	EAN Code		
R/W speed up to 3500/3000MB/s	256GB	ASX8200PNP-256GT-C	4713218469441		
• NVMe 1.3 support	512GB	ASX8200PNP-512GT-C	4713218469458		
• 3D NAND Flash for higher capacity and durability	1TB	ASX8200PNP-1TT-C	4713218469465		
 Advanced LDPC ECC Technology 	2ТВ	ASX8200PNP-2TT-C	4710273773568		

- \bullet 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



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 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
- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC
- Warranty: 5 years

F	Pe	rf	0	rn	na	n	CE	

Capacity	ATTO	ATTO	CDM	CDM	AS SSD	AS SSD	4K	4K	
	Seq.	Seq.	(QD32)	(QD32)	Seq.	Seq.	Random	Random	TBW
	Read	Write	Seq. Read	Seq. Write	Read	Write	Read	Write	
	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	(MB/sec)	IOPS	IOPS	
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
2ТВ	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



