

**SSD ADATA XPG  
SX8200 Pro  
512GB M.2 PCIE  
NVMe TLC Write  
speed 2300  
MBytes/sec  
Read speed  
3500 MBytes/sec  
3.5mm TBW 320  
TB MTBF  
2000000 hours  
ASX8200PNP-  
512GT-C**



Model: ASX8200PNP-512GT-C

Manufacturer: ADATA

EAN: 4713218469458

Product Code: 311712

**R2,231**

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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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 sustained 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.

### **In Pursuit of Higher Performance**

With intelligent SLC caching and a DRAM cache buffer, the SX8200 Pro can accelerate sequential and 4K random read/write speeds to shorten system response time, making it especially suitable for multimedia editing and gaming.

### **3D NAND Flash - Higher Capacity, Efficiency, and Reliability**

Built with 3D NAND Flash the SX8200 Pro comes in capacities of up to 2TB, offers higher efficiency, and is more reliable than 2D SSDs. Thanks to the support of data protection technologies, it also features a high TBW and excellent durability to meet the demands of various applications.

### **LDPC ECC Ensures Data Integrity**

The SX8200 Pro supports LDPC (Low-Density Parity-Check) error correcting code technology to detect and fix a wider range of data errors for more accurate data transfers and a longer SSD lifespan.

### **E2E Data Protection and RAID Engine**

Supporting E2E (End-to-End) Data Protection and RAID Engine, the SX8200 Pro ensures data safety, integrity, and delivers an extended lifespan.

- **Rapid PCIe Gen3x4 Interface : read/write up to 3500/3000MB/s**

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- NVMe 1.3-Support
- New Generation 3D NAND Flash : Higher capacity, durability, and power efficiency
- M.2 2280 Form Factor : supports desktops and notebooks with the latest Intel and AMD platforms
- Designed for discerning gamers, PC enthusiasts, overclockers, and video content producers

Summary: XPG SX8200 Pro. SSD capacity: 512 GB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 2300 MB/s, Component for: PC/Laptop | Vendor Homepage:

<https://shop.adata.com/us/ASX8200PNP-512GT-C?search=ASX8200PNP-512GT-C> | Component for: PC/Laptop | ECC: Yes | End-to-End Data Protection: Yes | Interface: PCI Express 3.0 | Low-density parity-check (LDPC): Yes | Mean time between failures (MTBF): 2000000 | Memory type: 3D TLC | NAND flash type: TLC (Triple Level Cell) | NVMe: Yes | NVMe version: 1.3 | PCI Express interface data lanes: x4 | RAID support: Yes | Random read (4KB): 390000 | Random write (4KB): 380000 | Read speed: 3500 | SSD capacity: 512 | SSD form factor: M.2 | Write speed: 2300 | Depth: 22 | Height: 3.5 | Weight: 8 | Width: 80 | Operating relative humidity (H-H): 5 - 95 | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Compliance certificates: RoHS | Product colour: Black | Harmonized System (HS) code: 84717070 | SSD series: XPG SX8200 Pro | Units per Pallet: 0 | Units per Shipping Box: 100 | Unit Calculated Volume: 0.000299 | Unit Calculated Weight: 0.038

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