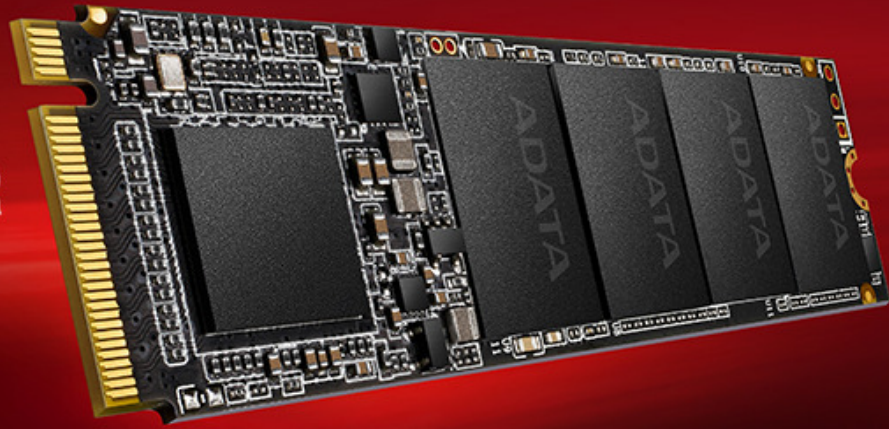


XPB SX6000 Pro PCIe Gen3x4  
M.2 2280 Solid State Drive

**SLIMMER & FOUR  
TIMES AS FAST**



## **SX6000Pro(SX6000PNP) PCIe Gen3x4 M.2 2280 SSD**

Boot, load, and transfer faster with the SX6000PNP PCIe Gen3x4 M.2 2280 solid state drive (SSD). With support for NVMe 1.3 and equipped with 3D NAND Flash, it offers up to 4 times faster performance than SATA SSDs. What's more, the SX6000PNP is slimmer than standard M.2 2280 SSDs for a higher level of compatibility thanks to its **single-sided design**.

### **Features**

- Ultra-fast PCIe Gen3x4 interface:
- NVMe 1.3 support
- 2<sup>ND</sup> generation 64-layer 3D NAND Flash
- Advanced LDPC ECC Technology
- HMB (Host Memory Buffer) and SLC Caching
- Single-sided design – 2.15mm thick
- Compact M.2 2280 form factor – ideal for high-end notebooks and desktops

### **Ordering Information**

Capacity	Model Number	Build
<b>128GB</b>	<b>SX6000PBR1-128GB</b>	<b>Local/Brazil</b>
<b>128GB</b>	<b>SX6000PFA1-128GB</b>	<b>Global</b>

# Specifications

www.adata.com

- Capacities: 128GB
- Controller: Realtek
- NAND Flash: 2<sup>nd</sup> Generation 64-layer 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
- LDPC ECC Engine
- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC
- Warranty: 3 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
<b>128GB</b>	1600	580	1855	595	1124	564	59K	95K	75TB

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

# Mechanical Drawing

