

PROSPECTOR 950 PCIe Gen3x4 M.2 2280 SSD

PROSPECT FOR SUCCESS



PROSPECTOR 950 PCIe Gen3x4 M.2 2280 Solid State Drive

The PROSPECTOR 950 is made for Chia farming. With high capacities, fast read and write performance, and excellent durability, it's the right SSD for the job!

Features

- Dedicated for Chia farming
- At least 28,000 TBW, over 40 times longer lifespan than ordinary PCIe SSDs
- Ultra-fast PCIe Gen3x4 interface
- R/W speed up to 3,500/3,000MB/s
- NVMe 1.3 support
- Pure SLC mode for improved performance
- Advanced hardware LDPC ECC Technology
- AES 256-bit encryption support
- Compact M.2 2280 form factor – also ideal for video editing, industrial drawing, programming
- Free software: SSD Toolbox and Migration Utility

Ordering Information

| Capacity | Model Number | EAN Code |
|----------|---------------|---------------|
| 1TB | APRO-950-1TCI | 4711085935434 |



Specifications

- Capacity: 1TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Dimensions (L x W x H): 80 x 22 x 2.9mm
- Weight: 9g
- Performance (Max):
Read 3,500MB/s ; write 3,000MB/s
- Maximum 4K random read/write IOPS: 280K/220K
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 2,000,000 hours
- Certifications: RoHS, CE, FCC, BSMI, KC
- Warranty: 5-year limited

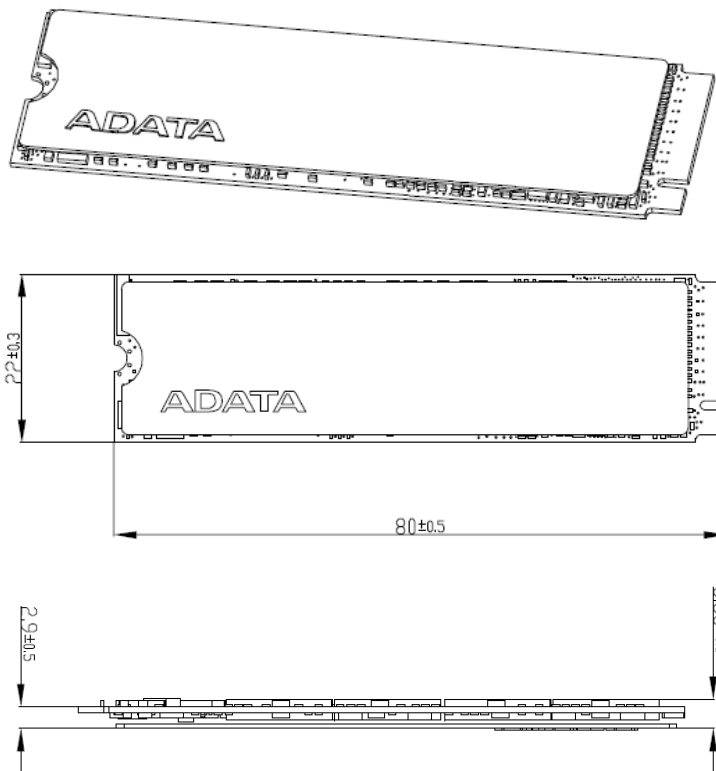
Performance

| Capacity | ATTO* | | CDM-QD32T1* | | AS SSD* | | 4K Random* | | TBW** |
|----------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|----------------|-----------------|----------|
| | Seq. Read (MB/s) | Seq. Write (MB/s) | Seq. Read (MB/s) | Seq. Write (MB/s) | Seq. Read (MB/s) | Seq. Write (MB/s) | Read (IOPS) | Write (IOPS) | |
| 1TB | Up to 3500 | Up to 1850 | Up to 3500 | Up to 3000 | Up to 2900 | Up to 1500 | 280K | 220K | 28,000TB |

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

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

Schematics



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