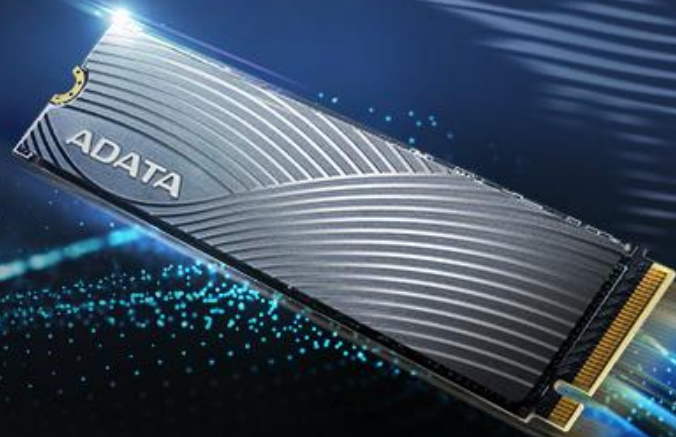SWORDFISH PCIe Gen3x4 M.2 2280 Solid State Drive

SOAR TO NEW HEIGHTS

SWORDFISH PCIe Gen3 x4 M.2 2280 Solid State Drive

Get the best out of your creative mind with the ADATA SWORDFISH PCIe Gen3 x4 M.2 2280 solid state drive. Built with 3D NAND Flash and featuring support for the PCIe Gen3x4 interface, it delivers up to 1TB of capacity and read/write performance of up to 1,800/1,200MB per second.

Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 1,800/1,200MB/s
- NVMe 1.3 support
- 3D NAND Flash for higher capacity and durability
- Supports SLC Caching for improved performance
- Support Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- AES 256-bit encryption support
- Compact M.2 2280 form factor – ideal for video editing, programming, Upgrade PCIe SSD for the first time
- Free software: SSD Toolbox and Migration Utility

Ordering Information

Capacity	Model Number	EAN Code
250GB	ASWORDFISH-250G-C	4710273778266
500GB	ASWORDFISH-500G-C	4710273778273
1TB	ASWORDFISH-1T-C	4710273778280

Specifications

- Capacity: 250GB / 500GB / 1TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3x4
- Form Factor: M.2 2280
- Dimensions (L x W x H): 80 x 22 x 3.85mm
- Weight: 10.5g / 0.37oz
- Performance (Max):
  Read 1,800MB/s, write 1,200MB/s

- Maximum 4K random read/write IOPS: 180K/180K
- 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, KC, EAC, RCM, Morocco, UKCA,
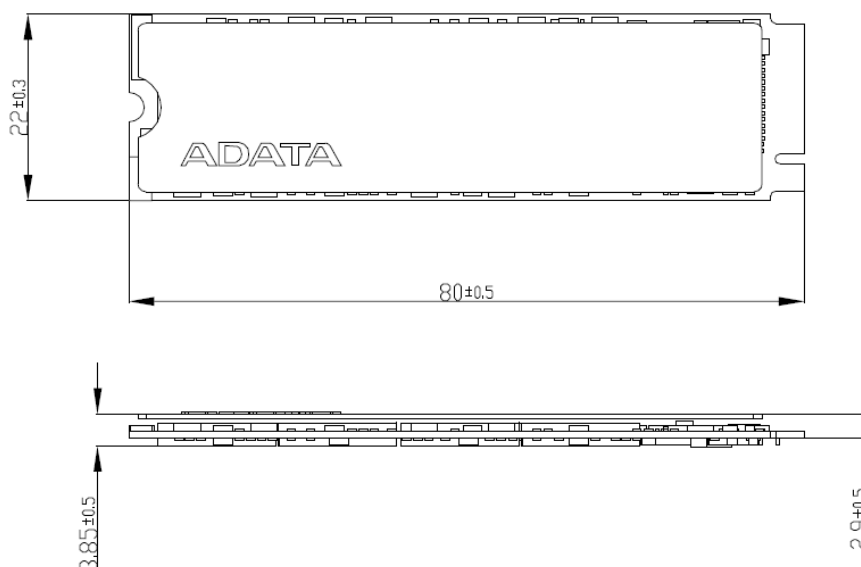- Warranty: 5-year limited

Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
250GB	1,800	900	100K	130K	120TB
500GB	1800	1,200	100K	160K	240TB
1TB	1,800	1,200	180K	180K	480TB

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

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

Schematics

CAN ICES-3 (B)/NMB-3(B)

WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

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R-R-A99-ASWORDFISH   D33A23 RoHS