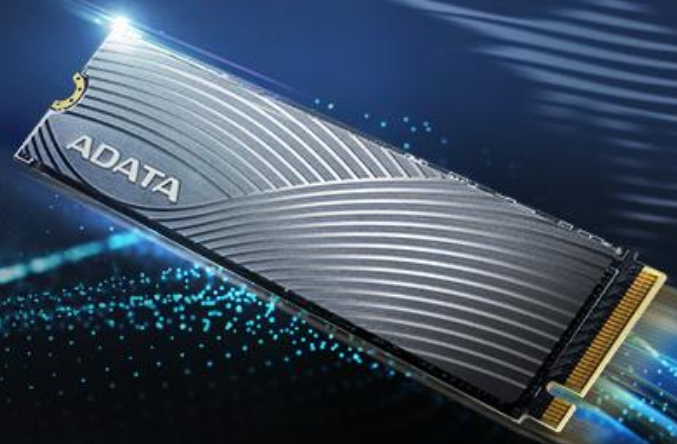SWORDFISH PCIe Gen3x4 M.2 2280 Solid State Drive

SOAR TO NEW HEIGHTS

SWORDFISH PCIe Gen3x4 M.2 2280 Solid State Drive

Get the best out of your creative mind with the ADATA SWORDFISH PCIe Gen3x4 M.2 2280 solid state drive. Built with 3D NAND Flash and featuring support for the PCIe Gen3x4 interface, it delivers up to 2TB of capacity and read/write performance of up to 1800/1200MB per second.

Features

- Ultra-fast PCIe Gen3x4 interface
- R/W speed up to 1800/1200MB/s
- NVMe 1.3 support
- 3D NAND Flash for higher capacity and durability
- Advanced hardware LDPC ECC Technology
- Supports SLC Caching for improved performance
- Support Host Memory Buffer(HMB)
- 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
2TB	ASWORDFISH-2T-C	4710273778297

Specifications

- Capacity: 250GB / 500GB / 1TB / 2TB
- 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 1800MB/s, write 1200MB/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
- 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)	
250GB	Up to 1800	Up to 900	Up to 1800	Up to 900	Up to 1700	Up to 850	100K	130K	120TB
500GB	Up to 1800	Up to 1400	Up to 1800	Up to 1200	Up to 1700	Up to 1100	100K	160K	240TB
1TB	Up to 1800	Up to 1400	Up to 1800	Up to 1200	Up to 1700	Up to 1100	180K	180K	480TB
2TB	Up to 1800	Up to 1400	Up to 1800	Up to 1200	Up to 1700	Up to 1100	180K	180K	960TB

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

Schematics