

## Informacije o proizvodu

A-DATA SSD 512GB AFALCON-512G-C



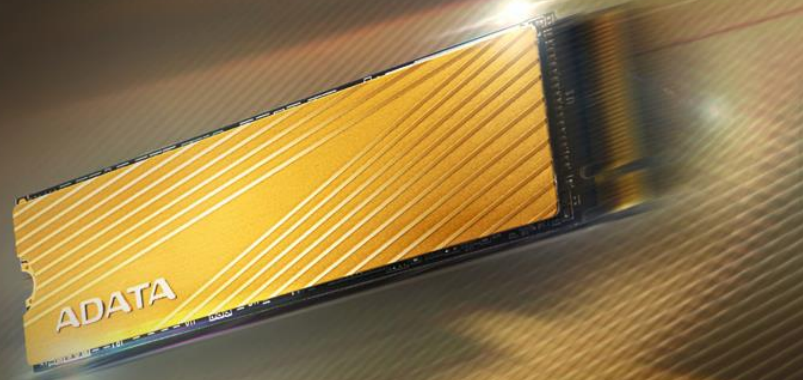
Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/a-data-ssd-512gb-afalcon-512g-c-akcija-cena/>

FALCON PCIe Gen3x4 M.2 2280 Solid State Drive

# PRO-FORMANCE



## FALCON PCIe Gen3 x4 M.2 2280 Solid State Drive

Up your creative power with the ADATA FALCON solid state drive (SSD). Using the PCIe Gen3 x4 interface and equipped with 3D NAND Flash memory, the FALCON delivers read/write speed of up to 31000/1500MB per second for uninterrupted productivity and creativity.

### Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 3,100/1,500MB/s
- NVMe 1.3 support
- Supports SLC Caching for improved performance
- AES 256-bit encryption support
- Support Host Memory Buffer(HMB)
- 3D NAND Flash for higher capacity and durability
- Compact M.2 2280 form factor – ideal for video editing, industrial drawing, programming
- Advanced hardware LDPC ECC Technology
- Free software: SSD Toolbox and Migration Utility

### Ordering Information

Capacity	Model Number	EAN Code
512GB	AFALCON-512G-C	4710273776026
1TB	AFALCON-1T-C	4710273776033



# Specifications

- Capacity: 512GB / 1TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3 x4
- Form Factor: M.2 2280
- Controller: RTS5762DL
- Performance (Max):  
Read 3,100MB/s, write 1,500MB/s
- Maximum 4K random read/write IOPS: 180K/180K
- Operating Temperature: 0°C-70°C
- Weight: 9g / 0.31oz
- Dimensions (L x W x H):  
80 x 22 x 2.9mm / 3.14 x 0.86 x 0.11inch
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 1,800,000 hours
- Warranty: 5-year limited warranty
- Certifications: RoHS, CE, FCC, BSMI, KC, Morocco, EAC, UKCA, RCM

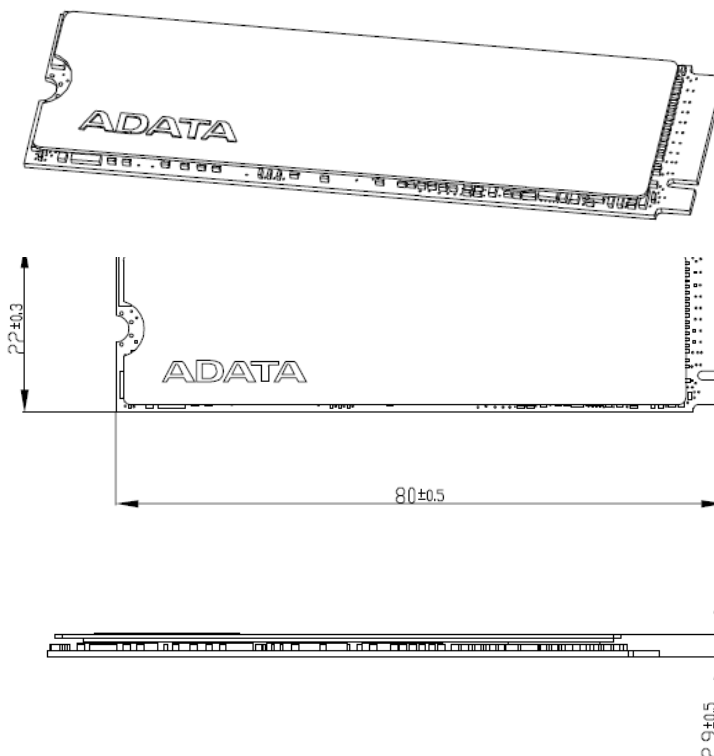
# Performance

Capacity	Sequential Performance (Up to) <sup>1</sup>		4K Random (Up to) <sup>1</sup>		TBW <sup>2</sup>
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
512GB	3,100	1,500	100K	160K	300TB
1TB	3,100	1,500	180K	180K	600TB

<sup>1</sup>Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

<sup>2</sup>The value is the minimum amount of terabyte written that could be reached.

# Schematics



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

**WARNING: Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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EU	REP	ADATA Technology B.V. Address: Transcendpark, Steenstraat 17-27, 2132 WT, Hoofddorp, The Netherlands E-mail: <a href="mailto:adata_europe@adata.com">adata_europe@adata.com</a>



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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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