

LEGEND 710 PCIe Gen3 x4  
M.2 2280 Solid State Drive

# A LEGEND IN THE MAKING



## LEGEND 710 PCIe Gen3 x4 M.2 2280 Solid State Drive

Make your creations legendary with the ADATA LEGEND 710. Enhance your creativity with sustained read/write speeds of up to 2,400/1,800MB per second on the latest Intel and AMD platforms.

### Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 2,400/1,800MB/s
- NVMe 1.4 support
- Heat sink reduces temp. by up to 15%
- Supports Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- AES 256-bit encryption support
- Great upgrade option for creators
- For aspiring or amateur content creators looking to edit photos/videos, illustrate, and other tasks.
- Free software: SSD Toolbox and Migration Utility

### Ordering Information

Capacity	Model Number	EAN Code
256GB	ALEG-710-256GCS	4711085939463
512GB	ALEG-710-512GCS	4711085937834
1TB	ALEG-710-1TCS	4711085937841
2TB	ALEG-710-2TCS	4711085939470



## Specifications

- Capacity: 256GB / 512GB / 1TB / 2TB
- Form Factor: M.2 2280
- Interface: PCIe Gen3 x4
- Controller: Realtek RTS5766DL
- NAND Flash: 3D NAND
- Sequential read/write (Max.):  
Read 2,400MB/s ; write 1,800MB/s
- 4K random read/write IOPS (Max.): 200K/150K
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- Dimensions (L x W x H):  
80 x 22 x 3.13mm (with heat sink)  
80 x 22 x 2.15mm (without heat sink)
- Weight:  
9g / 0.32oz (with heat sink)  
6.2g / 0.22oz (without heat sink)
- Terabytes Written (TBW)(Max. capacity): 520TB
- MTBF: 1,500,000 hours
- Warranty: 3-year limited
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

## Performance

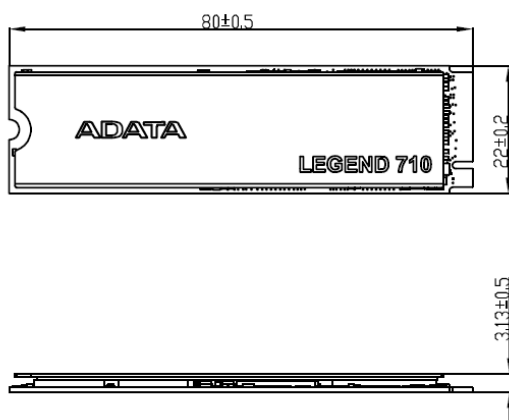
Capacity	Sequential Performance (Up to) <sup>1</sup>		4K Random (Up to) <sup>1</sup>		TBW <sup>2</sup>
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	2,100	1,000	90K	130K	65TB
512GB	2,400	1,600	90K	150K	130TB
1TB	2,400	1,800	180K	150K	260TB
2TB	2,400	1,800	200K	150K	520TB

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

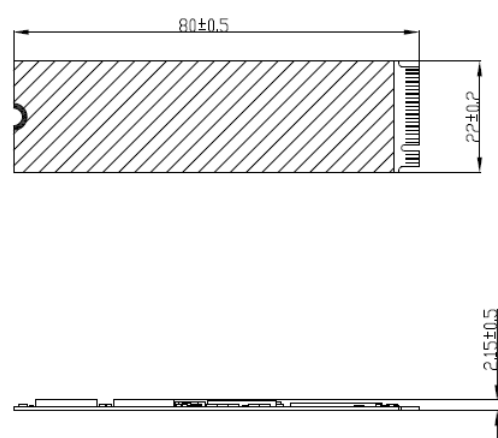
<sup>2</sup>The value is the minimum amount of terabyte written that could be reached.

## Schematics

<With heatsink>



<Without heatsink>



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

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