

LEGEND 700 PCIe Gen3 x4
M.2 2280 Solid State Drive

JUMP START YOUR CREATIVITY



LEGEND 700 PCIe Gen3 x4 M.2 2280 Solid State Drive

Make your creations legendary with the ADATA LEGEND 700. Enhance your creativity with sustained read/write speeds of up to 2,000/1,600MB per second on the latest Intel and AMD platforms.

Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 2,000/1,600MB/s
- NVMe 1.3 support
- Heat sink reduces temp. effectively
- 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-700-256GCS	4711085938251
512GB	ALEG-700-512GCS	4711085938183
1TB	ALEG-700-1TCS	4711085938190
2TB	ALEG-700-2TCS	4711085942753



Specifications

- Capacity: 256GB / 512GB / 1TB / 2TB
- NAND Flash: 3D NAND
- Interface: PCIe Gen3 x4
- Form Factor: M.2 2280
- Sequential read/write (Max.):
Read 2,000MB/s ; write 1,600MB/s
- 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): 480TB
- MTBF: 1,500,000 hours
- Warranty: 3-year limited
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Performance

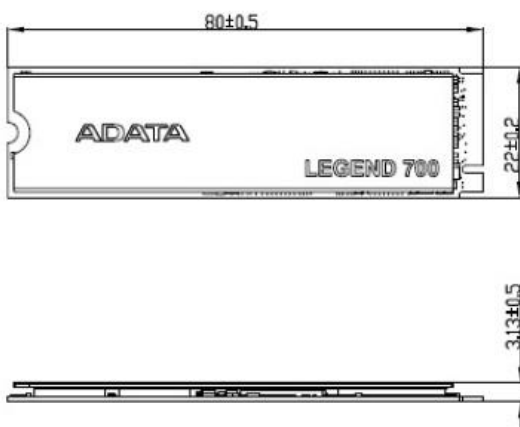
Capacity	Sequential Performance (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	
256GB	1,900	1,000	80TB
512GB	2,000	1,600	160TB
1TB	2,000	1,600	320TB
2TB	2,000	1,600	480TB

*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

<With heatsink>



<Without heatsink>

