

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
- Wide range capacities up to 2000GB
- Heat sink reduces temp. effectively
- Supports Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- Great upgrade option for creators
- Free software: SSD Toolbox and Migration Utility
- For aspiring or amateur content creators looking to edit photos/videos, illustrate, and other tasks

Ordering Information

Capacity	Model Number	EAN Code
256GB	ALEG-700-256GCS	4711085938251
512GB	ALEG-700-512GCS	4711085938183
1TB*	ALEG-700-1TCS	4711085938190

Capacity	Model Number	EAN Code
250GB	ALEG-700-250GCS	4711085939456
500GB	ALEG-700-500GCS	4711085939463
1000GB	ALEG-700-1000GCS	4711085939470
2000GB	ALEG-700-2000GCS	4711085939487

*The following 1024 gigabyte represented in 1 terabyte, hereinafter referred to as 1TB



- Capacity: 250GB / 256GB / 500GB / 512GB
1000GB / 1TB / 2000GB
- 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
- 4K random read/write IOPS (Max.): 200K/280K
- 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		4K Random (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	1,800	1,000	90K	200K	80TB
512GB	2,000	1,600	160K	260K	160TB
1TB	2,000	1,600	180K	280K	320TB

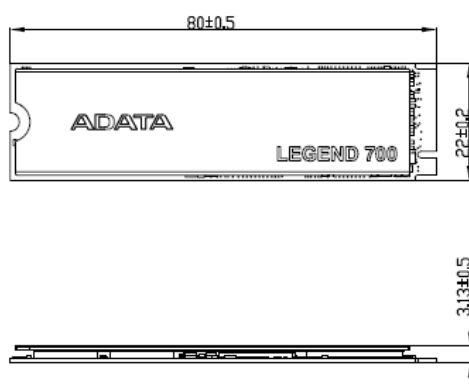
Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
250GB	1,800	1,000	60K	200K	80TB
500GB	2,000	1,400	60K	240K	120TB
1000GB	2,000	1,400	130K	280K	240TB
2000GB	2,000	1,400	200K	280K	480TB

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

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

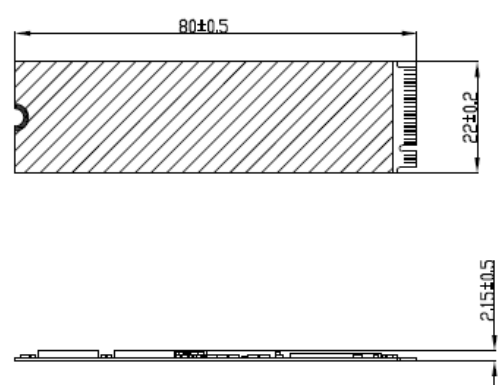
Schematics

<With heatsink>



ADATA Technology Co., Ltd
2F, No.258 Liancheng Rd.,
Zhonghe Dist., New Taipei City 235, Taiwan
T: +886-2-8228-0886
F: +886-2-8228-0887
E: adata@adata.com

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 **WARNING: Cancer and Reproductive Harm**
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