

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

SOLID GOLD QUALITY



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

Make your creations legendary with the ADATA LEGEND 700 GOLD. 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
- Great upgrade option for creators
- For aspiring or amateur content creators looking to edit photos/videos, illustrate, and other tasks.
- Free software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code
512GB	SLEG-700G-512GCS-S48	4711085941305
1TB	SLEG-700G-1TCS-S48	4711085941312
2TB	SLEG-700G-2TCS-S48	4711085943262



Specifications

- Capacity: 512GB / 1TB / 2TB
- Form Factor: M.2 2280
- NAND Flash: 3D NAND
- Controller: SM2263XT
- Interface: PCIe Gen3 x4
- Sequential read/write (Max.):
Read 2,000MB/s ; write 1,600MB/s
- 4K random read/write IOPS (Max.): 130K/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:
10g / 0.35oz (with heat sink)
7g / 0.24oz (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

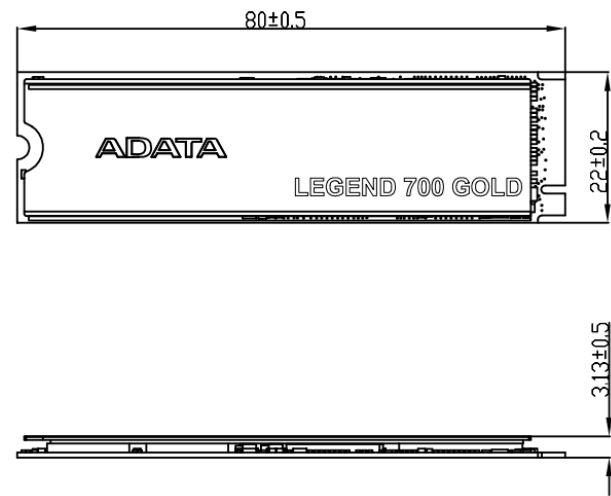
Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
512GB	2,000	1,600	60K	240K	160TB
1TB	2,000	1,600	130K	280K	320TB
2TB	2,000	1,600	130K	280K	480TB

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

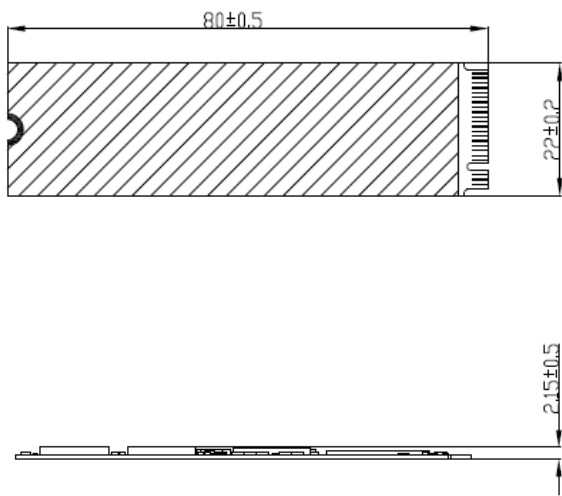
**The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>



<Without heatsink>



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

WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

D33A23
RoHS

R-R-A99-ALEGEND700

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FC CE UK EAC

RoHS

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