LEGEND 750 PCIe Gen3 x4 M.2 2280 SSD

SPARK CREATIVITY

LEGEND 750 PCIe Gen3 x4 M.2 2280 Solid State Drive

Maximize your creativity with the ADATA LEGEND 750. Enjoy improved productivity with sustained read/write speeds of up to 3,500/3,000MB per second, on the latest Intel or AMD platforms.

Features

- Ultra-fast PCIe Gen3 x4 interface
- R/W speed up to 3,500/3,000MB/s
- NVMe 1.3 support
- Heat sink reduces temp. by up to 15%
- Support SLC Caching and Host Memory Buffer(HMB)
- Advanced hardware LDPC ECC Technology
- Great upgrade option for creators
- AES 256-bit encryption support
- Compact M.2 2280 form factor – also ideal for 2D drawing, engineering drawing, video editing, etc.
- Free software: SSD Toolbox and Migration Utility

Ordering Information

Capacity	Model Number	EAN Code
500GB	ALEG-750-500GCS	4711085935915
1TB	ALEG-750-1TCS	4711085935922

Specifications

- Capacity: 500GB / 1TB
- Interface: PCIe Gen3 x4
- Form Factor: M.2 2280
- Controller: Maxiotek MAP1202
- NAND Flash: 3D NAND
- Sequential read/write (Max.):
  Read 3,500MB/s ; write 3,000MB/s
- 4K random read/write IOPS (Max.): 480K/260K
- 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)
  6g / 0.21oz (without heat sink)
- Terabytes Written (TBW)(Max. capacity)：600TB
- MTBF: 2,000,000 hours
- Warranty: 5-year limited
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS
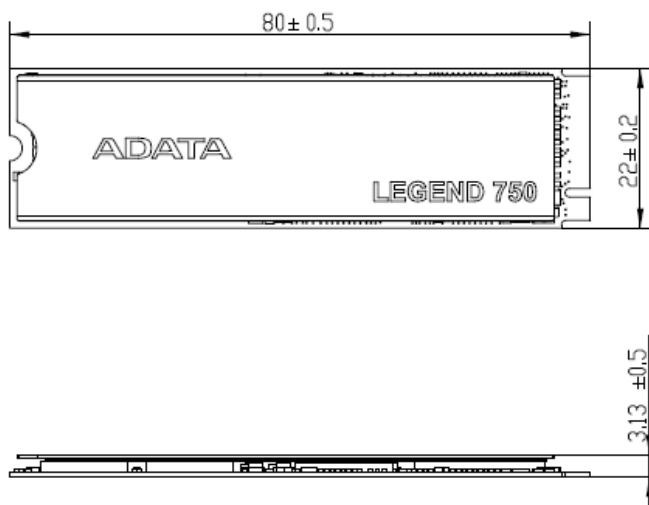
Performance

Capacity	Sequential Performance (Up to)[1]		4K Random (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
500GB	3,400	2,400	370K	190K	300TB
1TB	3,500	3,000	480K	260K	600TB

[1]Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables
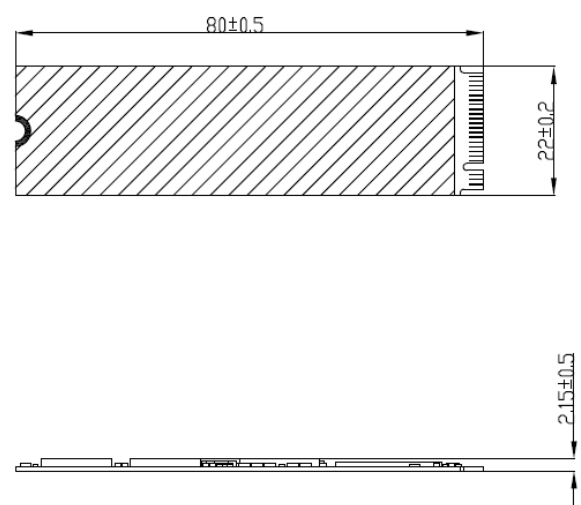
[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>

<Without heatsink>

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

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

R-R-A99-ALEGEND750   RoHS

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