LEGEND 800 PCIe Gen4 x4 M.2 2280 SSD

UPGRADE YOUR CREATIVITY

LEGEND 800

LEGEND 800 PCIe Gen4 x4 M.2 2280 Solid State Drive

With PCIe 4.0, sequential read/write speeds of 3,500/2,800MB per second, and up to 2000GB of capacity, the LEGEND 800 will help you create seamlessly on the latest Intel and AMD platforms.

Features

● Ultra-fast PCIe Gen4 x4 interface

● R/W speed up to 3,500/2,800MB/s

● NVMe 1.4 support

● Advanced hardware LDPC ECC Technology

● Supports Host Memory Buffer(HMB)

● AES 256-bit encryption support

● Great upgrade option for creators

● Compact M.2 2280 form factor – also ideal for 2D drawing, engineering drawing, video editing, etc.

● Free software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code
500GB	ALEG-800-500GCS	4711085940216
1000GB	ALEG-800-1000GCS	4711085940223
2000GB	ALEG-800-2000GCS	4711085940230

Specifications

- Capacity: 500GB / 1000GB / 2000GB
- Form Factor: M.2 2280
- Interface: PCIe Gen4 x4
- NAND Flash: 3D NAND
- Sequential read/write (Max.):
  Read 3,500MB/s ; write 2,800MB/s
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 1,500,000 hours

- Dimensions (L x W x H):
  80 x 22 x 2.65mm (with heat sink)
  80 x 22 x 2.15mm (without heat sink)
- Weight:
  7.3g / 0.26oz (with heat sink)
  6.3g / 0.22oz (without heat sink)
- Terabytes Written (TBW)(Max. capacity)：1,200TB
- Warranty: 3-year limited
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS
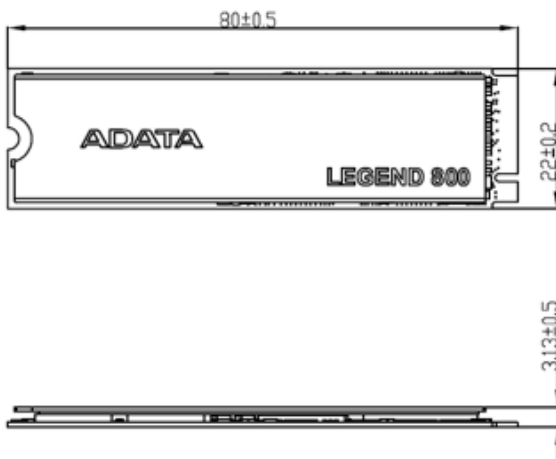
Performance

Capacity	Sequential Performance (Up to)[1]		TBW[2]
	Read (MB/s)	Write (MB/s)	
500GB	3,500	2,200	300TB
1000GB	3,500	2,200	600TB
2000GB	3,500	2,800	1,200TB

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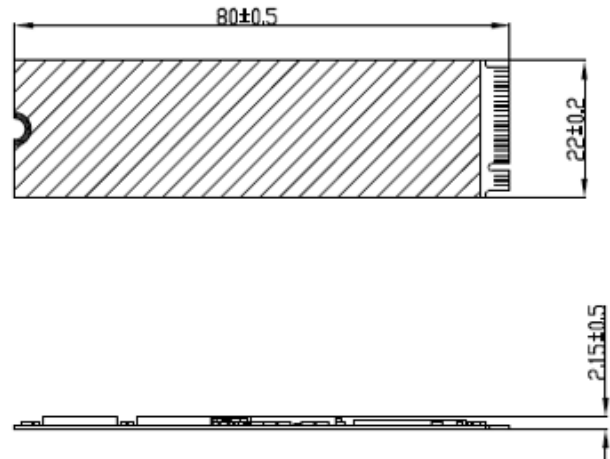
[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>

<Without heatsink>