

LEGEND 800 PCIe Gen4 x4 M.2 2280 SSD

# UPGRADE YOUR CREATIVITY



## 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

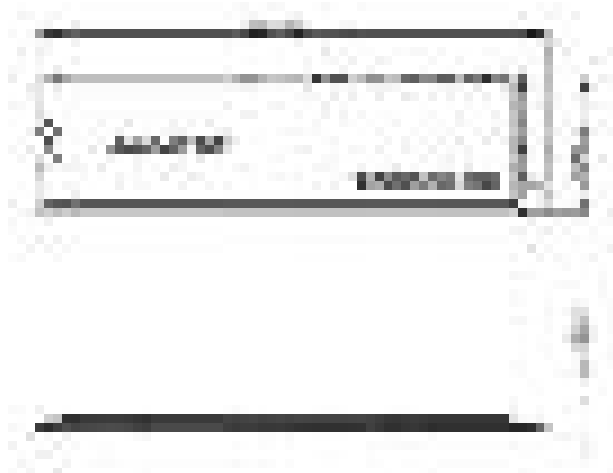
Capacity	Sequential Performance (Up to) <sup>1</sup>		TBW <sup>2</sup>
	Read (MB/s)	Write (MB/s)	
500GB	3,500	2,200	300TB
1000GB	3,500	2,200	600TB
2000GB	3,500	2,800	1,200TB

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

<sup>2</sup>The value is the minimum amount of terabyte written that could be reached.

## Schematics

<With heatsink>



<Without heatsink>

