



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

With PCle 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
ſ	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

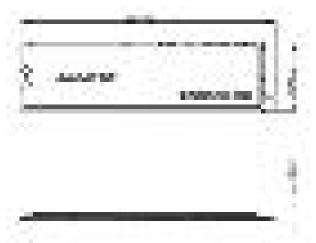
Performance

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

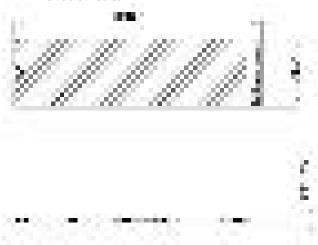
¹Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

Schematics

<With heatsink>









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