LEGEND 900 PCIe Gen4 x4 M.2 2280 SSD

Instant Powerful Performance

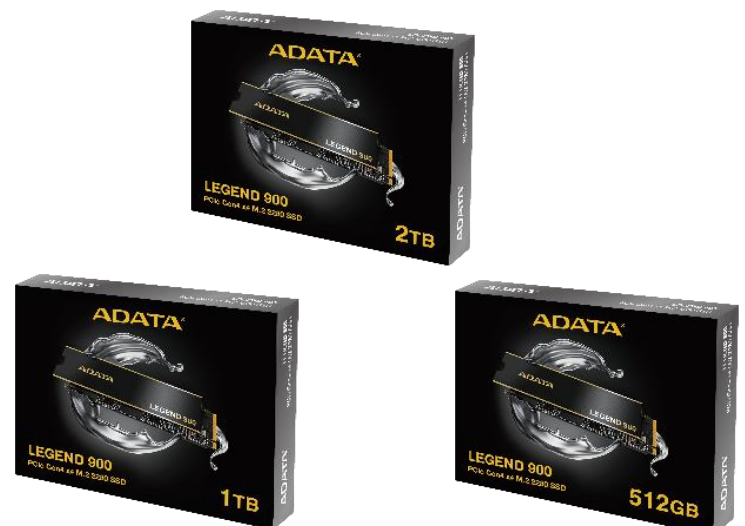## LEGEND 900 PCIe Gen4 x4 M.2 2280 Solid State Drive

The LEGEND 900 solid-state drive is the foremost choice for creators who want to obtain their first high-end PCIe 4.0 SSD. With sequential read/write speeds of 7,000/5,400MB per second, high-capacity storage of 2TB, and compatible with the latest Intel and AMD platforms, the LEGEND 900 is a powerful and cost-effective solution.

Features

- PCIe Gen4 x4 transmission interface
- Compliant with NVMe 1.4
- R/W speed up to 7,000/5400 MB/s
- Work with PS5
- Read speed up to 6,200MB/s for PS5
- Up to 2TB
- SLC caching
- HMB (Host Memory Buffer)
- Advanced hardware LDPC ECC Technology
- Free software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code
512GB	SLEG-900-512GCS	4711085944146
1TB	SLEG-900-1TCS	4711085944153
2TB	SLEG-900-2TCS	4711085944160

Specifications

- Capacity: 512GB / 1TB / 2TB
- Form Factor: M.2 2280
- Interface: PCIe Gen4 x4
- NAND Flash: 3D NAND
- Sequential read/write (Max.):
  Read 7,000MB/s (PC/Laptop), 6,200MB/s (PS5) ;
  Write 5,400MB/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 3.35mm / 3.15 x 0.86 x 0.13inch (with heat sink)
  80 x 22 x 2.05mm / 3.15 x 0.86 x 0.08inch (without heat sink)
- Weight:
  10.6g / 0.37oz (with heat sink)
  6.5g / 0.23oz (without heat sink)
- Terabytes Written (TBW)(Max. capacity)：2,000
- Warranty: 5-year limited warranty
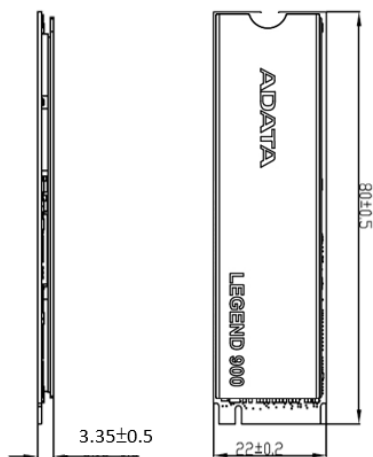- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Performance

Capacity	Sequential Performance (Up to)[1]		PS5 (Up to)	TBW[3]
	Read (MB/s)	Write (MB/s)	Seq. Read (MB/s)	
512GB	6,200	2,300	6,200	500TB
1TB	7,000	4,700	6,200	1,000TB
2TB	7,000	5,400	6,200	2,000TB

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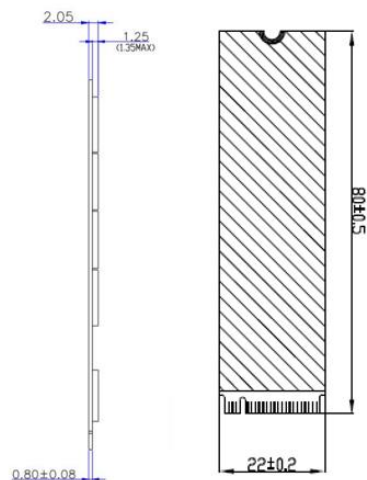
[2]The value is the minimum amount of terabyte written that could be reached.

Schematics

<With heatsink>   **<Without heatsink>**

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