

LEGEND 970 PRO PCIe Gen5 x4 M.2 2280 Solid State Drive

UPGRADE TO PRO POWER

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The LEGEND 970 PRO Gen5 SSD features dual-layer aluminum cooling fins and a micro fan powered by the M.2 slot, ensuring long-term stability. It offers sequential read/write speeds up to 14,000/11,000 MB/s and a 4TB storage capacity.

Features

- PCIe Gen5 x4 transmission interface
- R/W speed up to 14,000/11,000 MB/s
- Compliant with NVMe 2.0
- Dual-layer aluminum alloy and fan forms an active air cooling system
- Active cooling is powered directly from the M.2 slot
- Up to 4TB
- SLC caching
- DRAM cache buffer
- Advanced hardware LDPC ECC Technology
- Free software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code	UPC Code
4TB	SLEG-970P-4TCI	4711085947642	842243033328
2TB	SLEG-970P-2TCI	4711085947635	842243033311
1TB	SLEG-970P-1TCI	4711085947628	842243033304



- Capacity: 1TB / 2TB / 4TB
- Form Factor: M.2 2280
- Interface: PCIe Gen5 x4
- Controller: InnoGrit IG5666
- NAND Flash: 3D TLC
- Sequential read/write (Max.):
Read 14,000MB/s, Write 11,000MB/s
- 4K Read/Write IOPS (Max.): 1,800K/1,300K
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- Dimensions (L x W x H):
80.6 x 24.2 x 17.9mm / 3.17 x 0.95 x 0.7inch
- Weight: 52.1g / 1.84oz
- MTBF: 1,600,000 hours
- Terabytes Written (TBW)(Max. capacity): 2,960TB
- Warranty: 5-year limited warranty
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ²		TBW ³
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
4TB	14,000	11,000	1,800K	1,300K	2,960TB
2TB	14,000	10,000	1,800K	1,300K	1,480TB
1TB	13,000	5,800	1,700K	1,250K	740TB

³Test system configuration : MB Info: ASUS ROG CROSSHAIR X670E HERO, CPU: AMD Ryzen 9 7950X3D 16-Core Processor 4.2GHz, RAM: DDR5 16GB*2 2666MHz, OS Ver: Windows 11 / 23H2

Technical drawing of the ADATA Legend 970 Pro SSD showing dimensions in millimeters (mm). The drawing includes three views: a top view, a side view, and a front view.

Top View Dimensions:

- Overall width: 80.60 ± 0.30
- Overall height: 24.20 ± 0.30
- Internal width (excluding mounting holes): 70 ± 0.30

Side View Dimensions:

- Overall thickness: $17.90^{+0.80}_{-1.00}$

Front View:

- Shows the mounting bracket and the ADATA Legend 970 Pro logo.

