

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

## UPGRADE TO PRO POWER

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

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



Specifications

- 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

Performance

Capacity	Sequential Performance (Up to) <sup>1</sup>		4K Random (Up to) <sup>2</sup>		TBW <sup>3</sup>
	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	9,500	1,700K	1,250K	740TB

<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.

<sup>3</sup>Test 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

Schematics

