



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

The LEGEND 970 Gen5 SSD adopts dual-layer aluminum alloy heat dissipation fins and a micro fan to create a comprehensive cooling structure, enabling stable long-term operation. Featuring sequential read/write up to 10,000/10,000MB per second. It is available in 2000GB capacity and supports the latest Intel and AMD platforms.

Features

- PCIe Gen5 x4 transmission interface
- R/W speed up to 10,000/10,000 MB/s
- Compliant with NVMe 2.0
- Compared with a fanless heat sink, temperatures significantly reduced by 10%
- Dual-layer aluminum alloy and fan forms a patented active air cooling system
- Surface crystallization improves thermal conductivity
- Up to 2000GB
- SLC caching
- DRAM cache buffer
- Advanced hardware LDPC ECC Technology
- Free software: SSD Toolbox

Ordering Information

Capacity	Model Number	EAN Code
1000GB	SLEG-970-1000GCI	4711085942210
2000GB	SLEG-970-2000GCI	4711085942227



Specifications

- Capacity: 1000GB / 2000GB
- Form Factor: M.2 2280
- Interface: PCIe Gen5 x4
- Controller: Phison E26
- NAND Flash: 3D NAND
- Sequential read/write (Max.):
Read 10,000MB/s, Write 10,000MB/s
- 4K Read/Write IOPS (Max.): 1,400K/1,400K
- 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: 57.1g / 2.01oz
- MTBF: 1,600,000 hours
- Terabytes Written (TBW)(Max. capacity): 1,400TB
- Warranty: 5-year limited warranty
- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Performance

Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ²		TBW ³
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
1TB	9,500	8,500	1,300K	1,400K	700TB
2TB	10,000	10,000	1,400K	1,400K	1,400TB

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

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

³Test system configuration : M/B : ASUS Z790 STRIX E-Gaming WIFI , CPU: i7-13700K, RAM: 16GBx2 DDR5-5200

Schematics

