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 NAND
- 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
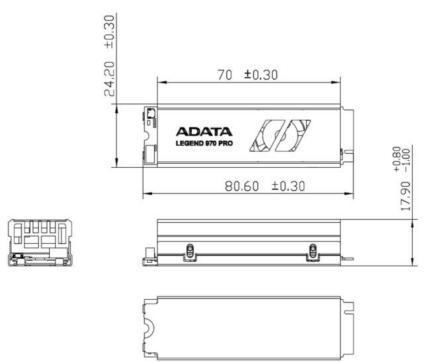- Certifications: CE, FCC, BSMI, KC, EAC, RCM, morocco, UKCA, RoHS

Performance

Capacity	Sequential Performance (Up to)[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

[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.
[3]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

CAN ICES-3 (B)/NMB-3(B)

⚠ WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

R-R-A99-SLEG970P
D33A23
RoHS