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ADATA LEGEND 970 Pro 1 TB M.2 PCI Express 5.0 NVMe 3D TLC NAND

Model: SLEG-970P-1TCI

Manufacturer: ADATA

EAN: 4711085947628

Product Code: 1185859

R5,318

Extraordinary Speed

The LEGEND 970 adopts the latest generation PCIe Gen5 x4 transmission interface and complies with the NVMe 2.0 standard to deliver amazing read and write capabilities. The LEGEND 970 also supports the latest Intel and AMD platforms. Whether in dynamic or static output, it always provides full performance.

Unreal Performance

Complete every task in moments. The LEGEND 970 has a sequential read/write speed of 10,000/10,000MB per second, double the speed of PCIe Gen4 SSDs and 6 times faster than Gen3

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SSDs, and is fully backward compatible with PCIe 4.0 and 3.0 platforms.

Experts of Patented Heat Dissipation

When high efficiency is required, leave it to the professionals! The LEGEND 970 adopts dual-layer extruded aluminum fins[1] to create a dense air duct to divert hot and cold air. When heat is conducted upward, a built-in micro fan is used to remove thermal energy. This unique "active heat dissipation" design delivers significantly cooler temperatures than a fanless heatsink by 10%[2].

1The heatsink of this product is pre-installed. Please consider installation space before adopting this product and confirm whether your motherboard is supplied with an M.2 heatsink (refer to manufacturer board manual). If so, please remove it first and then install this product with its supplied heatsink.

2This product comes with a fan attached to the SATA cable, which requires an additional power supply connection to activate the active cooling effect.

3Heat dissipation data is based on test conditions of an internal laboratory and actual figures may vary due to personal hardware, software, and test environments.

Surface Crystallization Improve Heat Dissipation

The LEGEND 970's aluminum alloy fins are treated with surface crystallization, which utilizes its physical properties to increase the overall air contact area and maximize the effectiveness of its air cooling system.

QuiKTIPS : Never Experience Throttling Again

High-speed PCIe 5.0 transmission requires powerful heat dissipation. If heat is not dissipated quickly, data read/writes speeds will be adversely affected and the drive itself crashing is a possibility. The LEGEND 970's active heat dissipation mechanism withstands high temperature test and can maintain stable performance even during long bouts of high speed operation.

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QuiKTIPS : Active Cooling Analysis

How does active cooling work? Active cooling works by using a tightly adhered heat dissipation pad and a metal heat dissipator to transfer heat from the SSD. The double-layered aluminum fins help facilitate the heat transfer process. Additionally, a built-in fan draws cold air from openings on the nameplate and directs it towards the aluminum fins. The hot and cold air meet, and the rotation of the fan quickly expels the heat from both sides of the aluminum fins. This design provides superior heat dissipation compared to fanless heatsinks.

High Quality Memory Components

Strict selection of 232-layer 3D flash memory gives the LEGEND 970 a capacity of up to 2000GB and it utilizes a variety of data protection and correction technologies to increase total bytes written (TBW) and durability to meet various high-load requirements.

Superior Technology

LEGEND 970 leverages the advantages of a SLC cache algorithm and DRAM Cache Buffer while featuring 4K random read/write IOPS up to 1,400K/1,400K, further improving the efficiency of multi-file processing. The LEGEND 970 also adopts a LDPC (Low Density Parity Check Code) error correction mechanism and AES 256-bit high-level encryption technology to ensure the accuracy of data transmission and the security of files.

SSD Toolbox value-added software for real-time status monitoring

SSD Toolbox ensures users utilize the latest Firmware version for the best performance and employs Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) to understand the health and remaining lifespan of SSDs, as well as the current operating temperature and storage capacity, so that users can track of SSD status at any time.

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