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Key Features Specification Support

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AG4731TB

Interface PCI-Express 4.0 x4, NVMe 1.4

Form Factor M.2 2280

Total Capacity 1000GB

NAND 3D TLC NAND Flash

External DDR Cache DDR4 1GB

Sequential Read speed Up to 7300 MB/s

Sequential Write speed Up to 6000 MB/s

Dimension SSD without Heatsink: 80 x 22 x 2.3 mm (Single Side)

SSD with Heatsink: 80.5 x 23.5 x 11.25 mm

Mean time between failure (MTBF)	1.6 million hours
Max. Operating Power	Read: 6.6W Write: 6.7W
Power Consumption (Idle, PS3)	30mW
Power Consumption(PS4, L1.2)	3mW
Temperature (Operating)	0°C to 70°C
Temperature (Storage)	-40°C to 85°C
Warranty	1. Limited 5-years or 700TBW. 2. Limited warranty based on 5 years or 700TBW, whichever comes first. (*TBW is evaluated by JEDEC workload standard.) *TBW (Terabyte Written): Terabytes Written is the total amount of data that can be written into a SSD before it is likely to fail. 3. When the usage of an NVME SSD as indicated by the "Percentage Used" (SMART ID: 05) in SMART page of "GIGABYTE SSD

toolbox" reaches 100 means out of warranty. (A new unused product will show the number of 0)

Note

- Test system configuration: configuration may vary by models, we will choose the latest platform for verification.
- Performance may vary based on SSD's firmware version and system hardware & configuration. Sequential performance measurements based on CrystalDiskMark and IOMeter 1.1.0.
- Speeds based on internal testing. Actual performance may vary.
- 1GB = 1 billion bytes. Actual useable capacity may vary.

Test Configuration

OS: Windows 11 22H2 (OS build 22621.819)
CPU: AMD Ryzen 9 7950X 16-Core Processor
4.5G
Memory: DDR5 5600 16GBx2
Chipset: AM5 X670 (X670E AORUS MASTER)

- * The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.
- * Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.
- * All trademarks and logos are the properties of their respective holders.
- * Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.

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