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Key Features Specification Support

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AG450E2TB-G

Interface PCI-Express 4.0x4, NVMe 1.4

Form Factor M.2 2280

Total Capacity 2000GB

NAND 3D QLC NAND Flash

Sequential Read speed Up to 6,500 MB/s

Sequential Write speed Up to 6,000MB/s

Dimension 80 x 22 x 2.3 mm

Mean time between 1.5 million hours

failure
(MTBF)

Max.
Operating Power R : 6.2W W : 6.5W

Power
Consumption(PS4,
L1.2) L1.2 < 5mW

Temperature
(Operating) 0°C to 70°C

Temperature
(Storage) -40°C to 85°C

Warranty

1. Limited 5-years or 580TBW..
2. Limited warranty based on 5 years or 580TBW, 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.


* 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.

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* 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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