



# AORUS Gen4 5000E SSD

- PCIe 4.0 x4, NVMe 1.4 interface
- Sequential Read Speed : up to 5,000MB/s
- Sequential Write speed : up to 4,600MB/s
- HMB (Host Memory Buffer) supported
- TRIM & S.M.A.R.T supported
- Energy-efficient

|                           | AORUS Gen4 5000E SSD 500GB  | AORUS Gen4 5000E SSD 1TB |
|---------------------------|---|--------------------------|
| Form factor               | M.2 2280  |                          |
| Interface                 | PCIe 4.0 x4, NVMe 1.4 interface   |                          |
| Model Name                | AG450E500G-G  | AG450E1TB-G              |
| NAND                      | 3D TLC NAND   |                          |
| Total Capacity            | 500GB   | 1000GB                   |
| Sequential read           | Up to 5000 MB/s   | Up to 5000 MB/s          |
| Sequential write          | Up to 3800 MB/s   | Up to 4600 MB/s          |
| MTBF                      | 1,500,000 hours   |                          |
| Total Bytes Written (TBW) | 300TB   | 600TB                    |
| Warranty                  | Limited 5-year warranty.<br>Limited warranty based on 5 years or TBW value, whichever comes first. (*TBW is evaluated by JEDEC workload standard. ) |                          |

- Terabyte Written(TBW): Terabytes Written is the total amount of data that can be written into a SSD before it is likely to fail.
- Performance may vary based on SSD's firmware version and system hardware & configuration. Sequential performance measurements based on CrystalDiskMark and IOMeter 1.1.0.
- Test system configuration: configuration may vary by models, we will choose the latest platform for verification.
- Speeds based on internal testing. Actual performance may vary.



R-R-GBN-ARSG450ESSD