



# 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	
<b>Form Factor</b>	M.2 2280			
<b>Interface</b>	PCIe 4.0 x4, NVMe 1.4 interface			
<b>Model Name</b>	AG450E500G-G	AG450E1TB-G	AG450E1024-G	
<b>NAND</b>	3D TLC NAND			
<b>Total Capacity</b>	500GB	1000GB	1TB (1024GB)	
<b>Sequential Read</b>	Up to 5000 MB/s	Up to 5000 MB/s	Up to 5000 MB/s	
<b>Sequential Write</b>	Up to 3800 MB/s	Up to 4600 MB/s	Up to 4600 MB/s	
<b>Dimensions</b>	80 x 22 x 2.3 mm			
<b>MTBF</b>	1,500,000 hours			
<b>Total Bytes Written (TBW)</b>	300TB	600TB	600TB	
<b>Warranty</b>	Limited 5-year warranty. 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.