

# Gigabyte AORUS Gen5 10000 M.2 2 TB PCI Express 5.0 NVMe 3D TLC NAND



**Brand :** Gigabyte

**Product code:** AG510K2TB

**Product name :** AORUS Gen5 10000

- PCIe 5.0x4, NVMe 2.0 Interface
  - Sequential Read Speed : up to 10,000MB/s
  - Sequential Write speed : up to 9,500MB/s
  - DDR4 DRAM cache
  - 8 CH with 32 CEs
  - Offer with an optional M.2 Thermal Guard XTREME with Nanocarbon Coating
- 2000GB, M.2 2280, 3D TLC NAND Flash, LPDDR4 4GB, 10,000 MB/s, 9,500 MB/s  
 Gigabyte AORUS Gen5 10000. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 10000 MB/s, Write speed: 9500 MB/s, Component for: PC



Features		Features	
NVMe version	2.0	Mean time between failures (MTBF)	1600000 h
SSD form factor *	M.2	<b>Power</b>	
SSD capacity *	2 TB	Power consumption (read)	10.5 W
Interface *	PCI Express 5.0	Power consumption (write)	11 W
NVMe *	✓	Power consumption (idle)	0.85 W
Memory type *	3D TLC NAND	<b>Operational conditions</b>	
Component for *	PC	Operating temperature (T-T)	0 - 70 °C
Read speed	10000 MB/s	Storage temperature (T-T)	-40 - 85 °C
Write speed	9500 MB/s	<b>Weight &amp; dimensions</b>	
External DDR cache	✓	Width	80 mm
External DDR cache quantity	4000 MB	Depth	2.3 mm
		Height	22 mm



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