

# GIGABYTE AORUS Gen4 7000s 1 TB M.2 PCI Express 4.0 NVMe 3D TLC NAND

**Brand :** GIGABYTE

**Product code:** GP-AG70S1TB

**Product name :** AORUS Gen4 7000s

- Form Factor: M.2 2280
  - Interface: PCI-Express 4.0 x4, NVMe 1.4
  - Total Capacity: 1000GB\*
  - Sequential Read Speed : up to 7000 MB/s\*\*
  - Sequential Write speed : up to 5500 MB/s\*\*
  - Wear Leveling, Over-Provision technologies
  - TRIM & S.M.A.R.T supported
  - AES-256 Supported
  - High Efficient Heat Spreader with Nanocarbon Coating
- 1000GB, M.2, PCI Express 4.0, NVMe, 3D TLC NAND  
 GIGABYTE AORUS Gen4 7000s. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5500 MB/s, Component for: PC/Laptop



Features		Features	
NVMe version	1.4	TBW rating	700
Security algorithms	256-bit AES	<b>Power</b>	
SSD capacity *	1 TB	Average power consumption (read)	6.6 W
SSD form factor *	M.2	Average power consumption (write)	6.5 W
Interface *	PCI Express 4.0	Power consumption (idle)	0.03 W
NVMe *	✓	<b>Weight &amp; dimensions</b>	
Memory type *	3D TLC NAND	Width	80.5 mm
Component for *	PC/Laptop	Depth	11.4 mm
Hardware encryption *	✓	Height	23.5 mm
Read speed	7000 MB/s	<b>Operational conditions</b>	
Write speed	5500 MB/s	Operating temperature (T-T)	0 - 70 °C
Random read (4KB)	350000 IOPS	Storage temperature (T-T)	-40 - 85 °C
Random write (4KB)	700000 IOPS	<b>Logistics data</b>	
Mean time between failures (MTBF)	1600000 h	Harmonized System (HS) code	84717070



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