GIGABYTE

Gigabyte AORUS Gen4 7000s M.2 1000 GB PCI Express 4.0 3D TLC NAND NVMe

Brand : Gigabyte

Product name : AORUS Gen4 7000s

Product code: GP-AG70S1TB

- 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: 1000 GB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5500 MB/s, Component for: PC/notebook

Features		Features	
NVMe version	1.4	TBW rating	700
Security algorithms	256-bit AES	Harmonized System (HS) code	84717070
SSD form factor *	M.2	**Power**	
SSD capacity *	1000 GB	Average power consumption (read)	6.6 W
Interface *	PCI Express 4.0	Average power consumption (write)	6.5 W
Memory type *	3D TLC NAND	Power consumption (idle)	0.03 W
NVMe *	✔	**Operational conditions**	
Component for *	PC/notebook	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✔	Storage temperature (T-T)	-40 - 85 °C
Read speed	7000 MB/s	**Weight & dimensions**	
Write speed	5500 MB/s	Width	80.5 mm
Random read (4KB)	350000 IOPS	Depth	11.4 mm
Random write (4KB)	700000 IOPS	Height	23.5 mm
Mean time between failures (MTBF)	1600000 h		

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