GIGABYTE

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

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: 1 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5500 MB/s, Component for: PC/Laptop

Features	
NVMe version	1.4
Security algorithms	256-bit AES
SSD capacity *	1 TB
SSD form factor *	M.2
Interface *	PCI Express 4.0
NVMe *	✔
Memory type *	3D TLC NAND
Component for *	PC/Laptop
Hardware encryption *	✔
Read speed	7000 MB/s
Write speed	5500 MB/s
Random read (4KB)	350000 IOPS
Random write (4KB)	700000 IOPS
Mean time between failures (MTBF)	1600000 h

Features	
TBW rating	700

Power	
Average power consumption (read)	6.6 W
Average power consumption (write)	6.5 W
Power consumption (idle)	0.03 W

Weight & dimensions	
Width	80.5 mm
Depth	11.4 mm
Height	23.5 mm

Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C

Logistics data	
Harmonized System (HS) code	84717070

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