

Home > SSD > AORUS Gen4 SSD 2TB

AORUS Gen4 SSD 2TB

Key Features Specification Support

Buy

Where To Buy

Online Store

GP-AG42TB

Interface PCI-Express 4.0x4, NVMe 1.3

Form Factor M.2 2280

Total Capacity 2000GB

NAND 3D TLC NAND Flash

External DDR Cache DDR4 2GB

Sequential Read speed Up to 5000 MB/s

Sequential Write speed Up to 4400 MB/s

Random Read IOPS up to 750k

Random Write IOPS	up to 700k
Dimension	80 x 22 x 2.3 mm
Mean time between failure (MTBF)	1.77 million hours
Power Consumption (Active)	Average: R : 6.5W; W : 6.6W
Power Consumption (Idle)	21.1mw
Temperature (Operating)	0°C to 70°C
Temperature (Storage)	-40°C to 85°C
Warranty	<div>1. Limited 5-years or 3600TBW.</div> <div>2. Limited warranty based on 5 years or 3600TBW, whichever comes first. (*TBW is evaluated by JEDEC workload standard.)</div> <div>*TBW (Terabyte Written): Terabytes Written is the total amount of data that can be written into an SSD before it is likely to fail.</div> <div>3. When the usage of an NVME SSD as indicated by the "Percentage Used" (SMART ID: 05) in SMART page of "GIGABYTE SSD</div>

toolbox" reaches 100 means out of warranty. (A new unused product will show the number of 0.)

Note

- Test system configuration: configuration may vary by models, we will choose the latest platform for verification.
- Performance may vary based on SSD's firmware version and system hardware & configuration. Sequential performance measurements based on CrystalDiskMark and IOMeter 1.1.0.
- Speeds based on internal testing. Actual performance may vary.
- 1GB = 1 billion bytes. Actual useable capacity may vary.

* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.

* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.

* All trademarks and logos are the properties of their respective holders.

* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.



Where To Buy



Online Store

DISCOVER

[Join Us](#)

COMPANY

[About Us](#)

CONSUMER

[Motherboard](#)

ENTERPRISE

[Server Motherboard](#)

SOLUTION

[Application Solutions](#)

[Industry Solutions](#)

SERVICE /
SUPPORT

[Consumer Products](#)

[Enterprise Products](#)

[Online Support](#)

[Customer Care](#)

[CSR](#)

[Graphics Card](#)

[Rack Server](#)

[GIGABYTE Stable Models \(GSM\)](#)

[News](#)

[Laptop](#)

[GPU Server](#)

Business Center	Career	Monitor	High Density Server	RESOURCE
	Investor	Desktop PC	Advanced Cooling	Insight
	Contact Us	PC Peripherals	ARM Server	Success Case
		PC Components	Storage Server	Awards
			Edge Server	News
			Tower Server / Workstation	Events
			Embedded Computing	

FOLLOW US

