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GIGABYTE

M.2 SSD 1TB

Key Features Specification Support Gallery

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GM21TB

Interface PCI-Express 3.0 x4, NVMe 1.4

Form Factor M.2 2280

Total Capacity 1000GB

External DDR Cache N/A

Sequential Read speed Up to 3400 MB/s

Sequential Write speed Up to 3200 MB/s

Random Read IOPS Up to 400K

Random Write Up to 490K

IOPS

Dimension	22 x 2.3 x 80 mm
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Mean time between failure (MTBF)	1.5 million hours
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Power Consumption (Active)	Average R : 3250mW Average W : 4000mW
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Power Consumption (Idle)	Idle : 30mW L1.2 < 5mW
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Temperature (Operating)	0°C to 70°C
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Temperature (Storage)	-40°C to 85°C
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Warranty	<p>1. Limited 5-years or 600TBW.</p> <p>2. Limited warranty based on 5 years or 600TBW, whichever comes first. (*TBW is evaluated by JEDEC workload standard.)</p> <p>*TBW (Terabyte Written): Terabytes Written is the total amount of data that can be written into a SSD before it is likely to fail.</p> <p>3. When the usage of an NVME SSD as indicated by the "Percentage Used" (SMART ID: 05) in SMART page of "GIGABYTE SSD toolbox" reaches 100 means out of warranty. (A new unused product will show the number of 0)</p>
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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.

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* 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.



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