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AORUS NVMe Gen4 SSD 2TB

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GP-ASM2NE6200TTTD

Interface	PCI-Express 4.0x4, NVMe 1.3
Form Factor	M.2 2280
Total Capacity	2000GB
Warranty	Limited 5-years or 3600TBW
NAND	3D TLC Toshiba BiCS4
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	80.5 x 11.25 x 23.5 mm
Mean time between failure (MTBF)	1.77 million hours

Power Consumption (Active)	Average: R : 6.5W; W : 6.6W
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Power Consumption (Idle)	21.1mw
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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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Note	<ul style="list-style-type: none">* 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 v.5.1.2 and Iometer 1.1.0.* Speeds based on internal testing. Actual performance may vary.* TBW (Terabyte Written): "Terabytes Written" is the total amount of data that can be written into an SSD before it is likely to fail.* 1GB = 1 billion bytes. Actual useable capacity may vary.* 5 years or 3600TBW, whichever comes first.* TBW is evaluated by JEDEC workload standard.
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* 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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