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GP-ASM2NE6500GTTD

Interrace	PCI-Express 4.0x4,	INVIVIE 1.3

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Total	500GE
Capacity	300GE

Warranty	Limited 5-y	ears or 850TBW
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NAND	3D TLC Toshiba BiCS4

External	
DDR Cache	DDR4 512MB

Sequential	Up to 5000 MB/s
Read speed	Op to 3000 Mb/s

Sequential	Lie to OFOO MD/
Write speed	Up to 2500 MB/s

Random	up to 400k
Read IOPS	up to 400k

Random	up to 550k
Write IOPS	up to 550k

Dimension 80.5 x 11.25 x 23	.5 mm	
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Mean time	1.77 million hours
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failure (MTBF)	
Power Consumption (Active)	Average: R : 5.9W; W : 4.5W
Power Consumption (Idle)	13.21mW
Temperature (Operating)	0°C to 70°C
Temperature (Storage)	-40°C to 85°C
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 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.

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

* 5 years or 850TBW, whichever comes first.

* TBW is evaluated by JEDEC workload standard.

- * 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.

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