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UD PRO 512GB

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GP-GSTFS30512GTTD

Interface	SATA 6.0Gb/s
Form Factor	2.5-inch internal SSD
Total Capacity	512GB
NAND	Toshiba BiCS3 3D TLC
External DDR Cache	512MB
Sequential Read speed	530 MB/s
Sequential Write speed	500 MB/s
Random Read IOPS	80k
Random Write IOPS	75k
Dimension	69.85 x 7 x 100 mm

Mean time between failure (MTBF)	1.8M hours
Power Consumption (Active)	Average: R : 2240mW; W : 2610mW
Power Consumption (Idle)	170mW
Temperature (Operating)	0°C to 70°C
Temperature (Storage)	-40°C to 85°C
Warranty	<div>1. Limited 3-years or 200TBW</div> <div>2. Limited warranty based on 3 years or 200TBW, whichever comes first.</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. The "percentage of SSD life" (SMART ID: E7 or A9) in SMART page of the "GIGABYTE SSD toolbox" program will be used as the determining criteria when the number is 0 means out of warranty. (A new unused product will show the percentage of 100.)</div>
Note	<div>• Test system configuration: configuration may vary by models; we will choose the latest platform for verification.</div> <div>• Performance may vary based on SSD's firmware version and system hardware & configuration. Sequential performance measurements based on CrystalDiskMark and IOmeter 1.1.0.</div>

- * 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.

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