

# Great Leap Forward in Performance and Innovation



## VULCAN G SSD

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The T-FORCE VULCAN G Gaming SSD uses 3D NAND flash memory with read/write speed up to 550/500MB/s<sup>[3]</sup> per second. It also supports SLC caching algorithm and Windows TRIM optimization command, which can significantly increase read/write speed and demonstrate an excellent performance, making it the best choice for upgrading your gaming PC!

#### Main Feature

- 4 times faster than a HDD
- Optimized SLC caching algorithm
- S.M.A.R.T. monitoring technology
- TRIM optimization command

#### Specification

Interface	SATA III 6Gb/s
Capacity	512GB / 1TB / 2TB <sup>[1]</sup>
Color	Black
Voltage	DC +5V
Operation	0°C ~ 70°C
Terabyte Written	512GB - 400TB 1TB - 800TB 2TB - 1600TBW <sup>[2]</sup>
Temperature Performance	ATTO / Crystal Disk Mark : Read up to 550MB/s; Write up to 500 MB/s <sup>[3]</sup> IOPS : 512GB 4K Random Read/Write: 70K/60K IOPS Max 1TB / 2TB 4K Random Read/Write: 70K/60K IOPS Max <sup>[3]</sup>
Dimensions	100(L) x 69.9(W) x 7(H)mm
Operating System	Windows 10 / 8.1 / 8 / 7, MAC OS 10.4 or later, Linux 2.6.33 or later
Humidity	0°C ~ 55°C / 5% ~ 95% RH, non-condensing
Vibration	20G (non-operating)
Shock	1500G
MTBF	1,000,000 hours
Warranty	3-year limited warranty

#### Ordering Information

Color	Capacity	Team P/N
BLACK	512GB	T253TG512G3C301
	1TB	T253TG001T3C301
	2TB	T253TG002T3C301



[1]1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB

[2]Definition and conditions of TBW (Terabytes Written)are based on JEDEC standard

[3]Transmission speed will vary according to different hardware / software conditions, therefore the data can only used for basic reference.

※We reserve the right to modify product specifications without prior notice.