



VULCAN SSD

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T-FORCE VULCAN gaming solid state drive uses 3D NAND flash memory chip that offers a read speed of up to 560 MB/s, loading or booting games will only take few seconds to complete. It is only 7mm in height, which is suitable for Ultrabooks on the market. Whether it is for laptop or desktop, the upgrade can be done fast and effortlessly.

Main Feature

- 3D NAND technology-the capacity has been expanded more than ever, which is capable of storing more games and data.
- High speed transfer: the excellent experience in terms of booting, data adding, and gaming reaction requirement bring all incredible read write speed.
- Extremely lightweight and thin. 2.5-inch drive with 7mm in height
- Support S.M.A.R.T. technology – monitoring hard drive status efficiently.
- Support TRIM – bring out its best performance on the compatible operating system.
- Product warranty – three years product warranty with free technical support service

Specification

Interface	DATA: SATA Rev. 3.0 (6Gb/s)
Capacity	250GB / 500GB / 1TB ^[1]
Color	Black
Voltage	DC +5V
Operation	0°C ~ 70°C
Terabyte Written	250GB / →60TB 500GB / →120TB 1TB / →240TB ^[2]
Temperature Performance	ATTO / Crystal Disk Mark : 250GB Read: 560MB/s ; Write: 500MB/s 500GB Read: 560MB/s ; Write: 510MB/s 1TB Read: 560MB/s ; Write: 510MB/s ^[3] IOPS : 250GB 4K Random Read/Write: 90K/75K IOPS Max 500GB 4K Random Read/Write: 90K/80K IOPS Max 1TB 4K Random Read/Write: 90K/80K IOPS Max ^[3]
Dimensions	100(L) x 69.9(W) x 7(H)mm
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	250GB	T253TV250G3C301
	500GB	T253TV500G3C301
	1TB	T253TV001T3C301



[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 be used for basic reference.

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