



VULCAN Z QLC SSD

T-FORCE VULCAN Z QLC SSD adopts the SATA III 6Gb/s transmission interface and rigorously selected QLC Flash. Its continuous read/write speeds reach up to 550/510MB/s, offering gamers smooth and fast gaming experience with quick launch and TB-level storage options. In addition to supporting SLC Caching, it features wear-leveling technology and error correction code function that increase reliability for data transmission and extend SSD lifespan. VULCAN Z QLC is a prime choice for upgrading professional gaming laptops and hosts.

Primary functions and features

- A prime choice for professional gaming upgrades
- Performance enhanced by fourfold, ready to start a game anytime
- TB-level large capacity for worry-free gaming storage
- Exceptional performance and durability
- Optimized operational performance with reliability and improved lifespan
- Intelligent health monitoring
- Eco-friendly product contributing to conserving Earth



Specifications

Interface	SATA Rev. 3.0 (6Gb/s)
Capacity	2TB / 4TB ^[1]
Voltage	DC +5.0V
Operation Temperature	0°C ~ 70°C
DRAM Cache	NO
Terabyte Written	2TB: 600TBW 4TB: 900TBW ^[2]
Performance	Crystal Disk Mark: 2TB Read: 550MB/s ; Write: 500MB/s 4TB Read: 550MB/s ; Write: 510MB/s ^[3]
Weight	45g
Dimensions	100(L) x 69.9(W) x 6.8 (H) mm
operating temperature	0°C (32°F) ~ 70°C (158°F)
Vibration(SSD)	20G
Shock(SSD)	1500G
MTBF(SSD)	1,000,000 Hours
Operating System	Windows 11 / 10 / 8 / 7 · Linux Kernel 2.6.31 Vista or later
Warranty	3-year limited warranty ^[4]

[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 use for basic reference.

[4] The SSD is based on the TBW or Warranty period.

Ordering information

Capacity	Team P/N
2TB	T253TY002T0C101
4TB	T253TY004T0C101

