



## SSD | MP32 M.2 PCIe Gen3



The MP32 M.2 PCIe SSD supports PCIe Gen3 x2 high speed interface and the latest NVMe specification. The read/write speed is so superior that the sequential read/write speed is up to 1500/800 MB/s, offering more than 2 times better performance than the SATA III. It is capable to reduce operating delays of the operating system and game/software, and delivers the finest and smoothest gaming experience and an extreme high speed performance without any lag even reading/writing large amounts of game data, complex 3D graphics and motion processing algorithms with fancy special effects, or loading heavy duty video/graphics editing software.

### Main Feature

- Ultra read/write speed
- Support NVMe specification
- Supports S.M.A.R.T.
- Supports TRIM
- 3-year product warranty. Free technical support service

### Ordering Information

Capacity	Team P/N
128GB	TM8FP3128G0C101
256GB	TM8FP3256G0C101
512GB	TM8FP3512G0C101
1TB	TM8FP3001T0C101



### Specification

Interface	PCIe 3.0 x2 with NVMe 1.3
Capacity	128GB / 256GB / 512GB / 1TB <sup>[1]</sup>
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 80°C
Terabyte Written	128GB / >100TB 256GB / >200TB 512GB / >400TB 1TB / >800TB <sup>[2]</sup>
Performance	Crystal Disk Mark: 128GB Read/Write: up to 1350/400 MB/s 256GB Read/Write: up to 1500/800 MB/s 512GB Read/Write: up to 1500/850 MB/s 1TB Read/Write: up to 1550/950 MB/s <sup>[3]</sup>
Weight	12g
Dimensions	80(L) x 22(W) x 2.3(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz~2,000Hz/20G
Shock	1,500G/0.5ms
MTBF	1,500,000 hours
Operating System	System Requirements: • Windows 10, Windows 8, Windows 7, Windows Vista <sup>[4]</sup> • Linux 2.6.33 or later
Warranty	3-year limited warranty

[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] PCIe SSD works best under WIN8.1 and WIN10 operating system. Windows Operating Systems earlier than Windows 8.1 does not support NVMe Driver natively. Users will need to install NVMe Driver prior installing the SSD.

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