SSD | MP33
M.2 PCIe Gen3

Supports S.M.A.R.T. | Supports TRIM | NVM EXPRESS

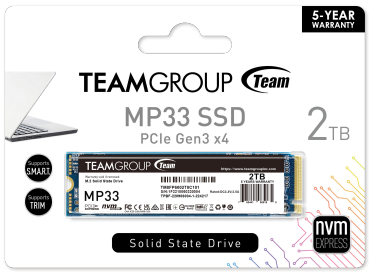
TEAMGROUP MP33 M.2 PCIe Solid State Drive uses high speed PCIe Gen3 x4 interface and complies with the NVMe 1.3 standard. With 3D nand flash memory, the transfer speed is 3 times faster than SATA III[1]. Suitable for players who have needs in speed, and it is the top choice when it comes to upgrading PC/laptop.

Main Feature

- Using new generation of 3D flash memory
- PCIe interface – Supports latest NVMe 1.3 protocol.
- M.2 2280 specification: Supports the next-generation platforms of Intel and AMD. Suitable for both desktop and notebook.
- Supports SLC Caching technology.
- 5-year product warranty. Free technical support service

Ordering Information

Capacity	Team P/N
128GB	TM8FP6128G0C101
256GB	TM8FP6256G0C101
512GB	TM8FP6512G0C101
960GB	TM8FP6960G0C101
1TB	TM8FP6001T0C101
2TB	TM8FP6002T0C101



Specification

Interface	PCIe 3.0 x4 with NVMe 1.3
Capacity	128GB / 256GB / 512GB / 960GB / 1TB / 2TB [1]
Color	Blue / Black
Voltage	DC +3.3V
Operation Temperature	0˚C ~ 70˚C
Storage Temperature	-40˚C ~ 85˚C
Terabyte Written	128GB - 75TBW 256GB - 150TBW 512GB - 350TBW 960GB - 600TBW 1TB - 600TBW 2TB - 1000TBW [2]
Performance	Crystal Disk Mark: 128GB Read/Write: up to 1,500/500 MB/s 256GB Read/Write: up to 1,600/1,000 MB/s 512GB Read/Write: up to 1,700/1,400 MB/s 960GB Read/Write: up to 1,800/1,500 MB/s 1TB Read/Write: up to 1,800/1,500 MB/s 2TB Read/Write: up to 1,800/1,500 MB/s [3]
Weight	6g
Dimensions	80(L) x 22(W) x 3.8(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 11 / 10 / 8.1 / 8 / 7 • Linux 2.6.33 or later
Warranty	5-year limited warranty

[1] "3 times" as described in the article, is tested using CDM disk benchmark software at our company's internal laboratory. The result of the speed test is using the read speed of the actual MP33 PRO product as the basis of comparison with the average read speed(500MB/s) of our company's 2.5" SATAIII solid state drive.
[2] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB
[3] Definition and conditions of TBW (Terabytes Written)are based on JEDEC standard
[4] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.
※ We reserve the right to modify product specifications without prior notice.

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