



SSD | MP34 M.2 PCIe Gen3 x4



The MP34 high speed solid state drive from TEAMGROUP supports the new generation of PCIe Gen3 x4 high speed interface and the latest NVMe1.3 protocol. The superior performance allows sequential read/write speed to reach up to 3000/2600 MB/s. It is much more efficient for booting, loading games or large file transferring. The MP34 M.2 PCIe SSD delivers the finest, smoothest gaming experience and an extreme high speed performance without any lag.

Main Feature

- Using new generation of 3D flash memory.
- Supports latest NVMe 1.3 protocol.
- Supports the next-generation platforms of Intel and AMD. Suitable for both desktop and notebook.
- 5 years product warranty. Free technical support service.

Ordering Information

Capacity	Team P/N
256GB	TM8FP4256G0C101
512GB	TM8FP4512G0C101
1TB	TM8FP4001T0C101



Specification

Interface	PCIe 3.0 x4 with NVMe 1.3
Capacity	256GB / 512GB / 1TB ^[1]
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 80°C
Terabyte Written	256GB / >380TB 512GB / >800TB 1TB / >1,660TB ^[2]
Performance	Crystal Disk Mark: 256GB Read/Write: up to 2,700/850 MB/s 512GB Read/Write: up to 3,000/1,700 MB/s 1TB Read/Write: up to 3,000/2,600 MB/s ^[3] IOPS: 256GB Read/Write: 200K/200K IOPS Max 512GB Read/Write: 350K/300K IOPS Max 1TB Read/Write: 450K/400K IOPS Max ^[3]
Weight	16g
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	1,800,000 hours
Operating System	System Requirements: • Windows 10 / 8.1 / 8 / 7 / Vista ^[4] • Linux 2.6.33 or later
Warranty	5-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.