



## TEAMGROUP MP34S M.2 2242 PCIe SSD

TEAMGROUP MP34S M.2 2242 PCIe SSD adopts the PCIe Gen3x4 interface and 3D TLC flash memory. It supports SLC Caching and NVMe 1.3 standards. Featuring exceptional continuous read/write speeds of up to 2,500/2,200 MB/s and a maximum capacity of 2TB, it allows you to save files effortlessly without worries. The 2242 size specification is compatible with handheld game consoles, tablet computers, lightweight laptops, NUC gadgets, and a variety of lightweight devices. MP34S M.2 2242 PCIe SSD caters to varying needs in all fields.

### Primary functions and features

- Master of SLC Caching
- Master magician of capacity
- Master of impeccable compatibility
- Master of environmental protection, guardian of Earth
- Master of intelligent health monitoring
- Master of after-sales services

### Product description

#### Master of SLC Caching

MP34S M.2 2242 PCIe SSD adopts the PCIe Gen3x4 interface and supports SLC Caching and NVMe 1.3 standards. It delivers exceptional continuous read/write speeds of up to 2,500/2,200 MB/s, offering a smooth user experience.

#### Master of impeccable compatibility

MP34S M.2 2242 PCIe SSD is compatible with handheld game consoles, tablet computers, touchscreen laptops, lightweight laptops, NUC gadgets, and all mainstream motherboards. It is a master of impeccable compatibility applicable to every device.

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#### Master of environmental protection, guardian of Earth

It is a master of environmental protection contributing to conserving Earth. All manufacturing processes take place in a lead-free eco-friendly environment in compliance with RoHS, REACH, and ESG standards. The packaging is made with 100% recyclable eco-friendly materials.

#### Master of intelligent health monitoring

It is equipped with the exclusive patented S.M.A.R.T. intelligent monitoring software to monitor SSD status at all times. Through fast and easy setting and inspection, it monitors SSD quality and performance.

#### Master of after-sales services

MP34S M.2 2242 PCIe SSD comes with a five-year warranty. It is a master of after-sales services that has been through rigorous testing and quality control to ensure fine quality for your reassurance.



## Main introduction

Interface	PCIe 3.0 x4 with NVMe
Capacity	512GB / 1TB <sup>[1]</sup>
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
DRAM Cache	NO
Terabyte Written	512GB - 400TBW 1TB - 800TBW <sup>[2]</sup>
Performance	Crystal Disk Mark : 512GB : Read up to 2,400 MB/s ; Write up to 1,700 MB/s 1TB : Read up to 2,500 MB/s ; Write up to 2,200 MB/s <sup>[3]</sup> IOPS : 512GB : Read up to 210K ; Write up to 380K 1TB : Read up to 250K ; Write up to 400K <sup>[3]</sup>
Weight	5g
Dimensions	42(L) x 22(W) x 3.7(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz ~ 2000Hz/20G
Shock(SSD)	1500G / 0.5ms
MTBF	1,500,000 Hours
Operating System	Compatible with Intel and AMD platforms and has one of the following operating systems: •Windows 11/ 10 / 8 / 7 / Vista or later •Linux 2.6.33 or later
Warranty	5-year limited warranty <sup>[4]</sup>

[1] 1GB=1,000,000,000 Bytes. In the operating system, it is displayed as 1,000,000,000 Bytes / 1024 / 1024 / 1024 = 0.93GB.

[2] Definition and calculation of terabytes written (TBW) are based on the JEDEC standard.

[3] Transmission speed may vary according to different hardware and software conditions. Therefore, the data can only be used as basic reference.

[4] SSD warranty is applicable either by the standard for terabytes written (TBW) or the warranty duration, whichever is met earlier.

## Ordering information

Capacity	Team P/N
512GB	TM4FPN512G0C101
1TB	TM4FPN001T0C101

# TEAMGROUP

Team Group Inc. was founded in 1997 in Taiwan, leading the industry by possessing professional research and development capabilities and a tightly-knit global sales network in storage and memory product, ranking among CommonWealth Magazine' s top 1000 enterprises.



### PERFECT CHOICE

Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&I awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award.

### GLOBALIZATION

Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network.

### GUARANTEED QUALITY & WARRANTY SERVICE

Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer.

### SOLID R&D CAPABILITIES

With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overclocking memory modules.



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