



TEAMGROUP MP44Q M.2 PCIe 4.0 SSD

Primary functions and features

- Outstanding Performance Exceeding 7,000MB/s Transmission Speed
- Effortless Storage Expansion with 3D QLC NAND
- Exclusive Intelligent S.M.A.R.T. Monitoring Software
- Graphene Heat Dissipation Label
- Recyclable Packaging Materials
- Five-year Warranty
- Heat dissipating graphene label patents:
Taiwan utility patent (No.: M628748)
China utility patent (No.: CN 217135922 U)
- Patented S.M.A.R.T. software
Taiwan invention patent (No.: I751753)

Ordering information

Capacity	Team P/N
1TB	TM8FFD001T0C101
2TB	TM8FFD002T0C101
4TB	TM8FFD004T0C101

Specifications

Model	TEAMGROUP MP44Q M.2 PCIe 4.0 SSD
Interface	PCIe 4.0 x4 with NVMe
Capacity	1TB / 2TB / 4TB ^[1]
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
DRAM Cache	NO
Terabyte Written	1TB : 500 TBW 2TB : 1000 TBW 4TB : 2000 TBW ^[2]
Performance	Crystal Disk Mark : 1TB : Read up to 7,000 MB/s ; Write up to 5,900 MB/s 2TB : Read up to 7,000 MB/s ; Write up to 5,900 MB/s 4TB : Read up to 7,000 MB/s ; Write up to 5,900 MB/s ^[3]
Weight	7 g
Dimensions	80(L) x 22(W) x 3.7(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz ~ 2000Hz/20G
Shock	1500G / 0.5ms
MTBF	1,600,000 Hours
Operating System	Compatible with Intel and AMD platforms and has one of the following operating systems: <ul style="list-style-type: none"> Windows 11/ 10 / 8.1 / 8 / 7 / Vista or later Linux 2.6.33 or later
Warranty	5-year 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] Warranty period for the SSD is determined by whichever condition is met first: total bytes written (TBW) or the warranty period in years.

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

※ M.2 SSD Installation Instructions: https://www.teamgroupinc.com/en/info/ins.php?index_id=76

※ Refer to the latest version on the official website. In case of discrepancies, the official website prevails.



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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