SSD | MP44L
M.2 PCIe Gen4

TEAMGROUP MP44L M.2 PCIe SSD adopts the PCIe Gen4x4 interface. Compared with the PCIe Gen3, the performance is more than doubled. The read/write speeds reach up to 5,000 / 4,500MB/s, drastically improving work efficiency. It is the first product to incorporat a heat sink label using a unique graphene coating on aluminum foil to further upgrade heat dissipation performance. It supports the S.M.A.R.T. monitoring software, Windows TRIM optimization option, and LDPC technology simultaneously. In addition, the five-year warranty that guarantees durability and reliability makes MP44L M.2 PCIe SSD your best option for an upgrade.

Main Feature

- Heat dissipating graphene SSD label.
- Supporting SLC Cache enhancing work efficiency drastically.
- Diversified optimization technology for stability, durability, and enhanced reliability.
- Supporting the latest NVMe standards
- S.M.A.R.T monitoring software.
- Trustworthy and reliable five-year warranty.
- Taiwan Utility Patent (number : M628748)
- China Utility Patent (number:CN217135922 U)

Ordering Information

Capacity	Team P/N
250GB	TM8FPK250G0C101
500GB	TM8FPK500G0C101
1TB	TM8FPK001T0C101
2TB	TM8FPK002T0C101

[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] The SSD is based on the TBW or Warranty period.
※ 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

Specification

Interface	PCIe 4.0 x4 with NVMe
Capacity	250GB / 500GB / 1TB / 2TB[1]
Voltage	DC +3.3V
Operation Temperature	0˚C ~ 70˚C
Storage Temperature	-40˚C ~ 85˚C
DRAM Cache	NO
Terabyte Written	250GB：200TBW 500GB：300TBW 1TB：600TBW 2TB：1200TBW[2]
Performance	Crystal Disk Mark: 250GB Read/Write：up to 4,650 / 1,900MB/s 500GB Read/Write：up to 5,000 / 2,500MB/s 1TB Read/Write：up to 5,000 / 4,500MB/s 2TB Read/Write：up to 4,800 / 4,400MB/s[3] IOPS: 250GB Read/Write：up to 220K / 470K 500GB Read/Write：up to 440K / 545K 1TB Read/Write：up to 525K / 550K 2TB Read/Write：up to 525K / 550K [3]
Weight	7g
Dimensions	80(L) x 22(W) x 2.25(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	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[4]

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