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TEAMGROUP P MP33Q M.2 Pcie SSD Adopts 3D QLC Flash Memory Owner's Manual

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Contents

MP33Q M.2 PCIe SSD

TEAMGROUP MP33Q M.2 PCIe SSD adopts 3D QLC flash memory, PCIe Gen3x4 interface and NVMe standards. The adoption of SLC Caching technology makes it a prime expanded storage solution for installation and storage systems, programs, games, and files. It features read/write speeds of up to 2,500 MB/s and 2,100 MB/s, offering excellent performance fivefold superior to that of SATA III SSD. It also features TEAMGROUP's exclusive SSD intelligent monitoring software S.M.A.R.T. that monitors SSD status at all times, and a five-year warranty is guaranteed.

Primary functions and features

- Enjoy PCIe performance at an affordable price
- Expanded 3D QLC storage space
- TEAMGROUP exclusive intelligent monitoring
- Eco-friendly material contributing to environmental protection
- Five-year warranty as a sturdy backup

Specifications

Interface	PCIe 3.0 x4 with NVMe
Capacity	512GB / 1TB / 2TB[1]
Voltage	DC +3.3V
Operation Temperature	0˚C ~ 70˚C
Storage Temperature	-40˚C ~ 85˚C
DRAM Cache	NO
Terabyte Written	512GB 120TBW 1TB 240TBW 2TB 480TBW [2]
Performance	Crystal Disk Mark: 512GB Read up to 2,400 MB/s ; Write up to 1,600 MB/s 1TB Read up to 2,500 MB/s ; Write up to 2,100 MB/s 2TB Read up to 2,500 MB/s ; Write up to 2,100 MB/s [3] IOPS: 512GB Read up to 80K ; Write up to 240K 1TB Read up to 130K ; Write up to 370K 2TB Read up to 220K ; Write up to 410K[3]
Weight	7g
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	1,800,000 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]

[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 base d 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**

Ordering information

Capacity	Team P/N
512GB	TM8FF2512G0C101
1TB	TM8FF2001T0C101
2TB	TM8FF2002T0C101

Customer Support

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Documents / Resources

TEAMGROUP P MP33Q M.2 Pcie SSD Adopts 3D QLC Flash Memory [pdf] Owner's Manual
P MP33Q M.2 Pcie SSD Adopts 3D QLC Flash Memory, P MP33Q M.2, Pcie SSD Adopts 3D Q
LC Flash Memory, 3D QLC Flash Memory, Flash Memory

References

- **Memory module, Memory Card, USB Flash Drive, SSD, Mobile Accessories,T-FORCE Peripheral | TEAMGROUP**
- **Memory module, Memory Card, USB Flash Drive, SSD, Mobile Accessories,T-FORCE Peripheral | TEAMGROUP**

- **[M.2 SSD Installation Instructions-TEAMGROUP](#)**