



SSD | MS30 M.2 SATA III



MS30 is a M.2 (NGFF, Next Generation Form Factor) high speed solid state drive of the latest generation. It has the latest SATA III 6Gb/s transfer interface and offers excellent transfer efficiency and compatibility. For different environment usage, MS30 comes in two sizes, 22X80mm and 22X42mm, and the capacity of 22X80mm comes to 1TB, which is capable of satisfying all kinds of specification requirements for motherboards, laptops, mobile devices and developing embedded devices.

Main Feature

- Supports Intel's SRT
- Supports S.M.A.R.T.
- Supports TRIM
- New Generation power saving technology that extends the battery life
- 3-year product warranty. Free technical support service

Ordering Information

Capacity	Team P/N
128GB	TM8PS7128G0C101
256GB	TM8PS7256G0C101
512GB	TM8PS7512G0C101
1TB	TM8PS7001T0C101



Specification

Interface	SATA Rev. 3.0 (6Gb/s)
Capacity	128GB / 256GB / 512GB / 1TB ^[1]
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 80°C
Terabyte Written	128GB / 30TB 256GB / 60TB 512GB / 120TB 1TB / 240TB ^[2]
Performance	Crystal Disk Mark: 128GB Read/Write: up to 550/460 MB/s 256GB Read/Write: up to 550/470 MB/s 512GB Read/Write: up to 550/480 MB/s 1TB Read/Write: up to 550/500 MB/s ^[3]
Weight	10g
Dimensions	80(L) x 22(W) x 3.5(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz~2,000Hz/20G
Shock	500 G, 2 m/sec
MTBF	1,500,000 hours
Warranty	3-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.

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