SSD | MS30
M.2 SATA III

Supports Intel's SRT | Supports S.M.A.R.T. | Supports TRIM | SATA III INTERFACE

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 2TB, 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	TM4PS7128G0C101
256GB	TM4PS7256G0C101
512GB	TM4PS7512G0C101
128GB	TM8PS7128G0C101
256GB	TM8PS7256G0C101
512GB	TM8PS7512G0C101
1TB	TM8PS7001T0C101
2TB	TM8PS7002T0C101

Specification

Form Factor	M.2 2242	M.2 2280
Interface	SATA III 6Gb/s	
Capacity	128GB / 256GB / 512GB	128GB / 256GB / 512GB / 1TB / 2TB[1]
Voltage	DC +3.3V	
Operation Temperature	0°C ~ 70°C	
Storage Temperature	-40°C ~ 80°C	
Terabyte Written	128GB / 64TB 256GB / 128TB 512GB / 256TB	128GB / 64TB 256GB / 128TB 512GB / 256TB 1TB / 512TB 2TB / 1024TB[2]
Performance	Crystal Disk Mark: 128GB R/W: up to 500/300 MB/s 256GB R/W: up to 500/400 MB/s 512GB R/W: up to 530/430 MB/s	Crystal Disk Mark: 128GB R/W: up to 500/300 MB/s 256GB R/W: up to 500/400 MB/s 512GB R/W: up to 530/430 MB/s 1TB R/W: up to 530/480 MB/s 2TB R/W: up to 550/500 MB/s[3]
Weight	5g	10g
Dimensions	42(L) x 22(W) x 3.5(H) mm	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	
Operating System	System Requirements: • Windows 10 / 8.1 / 8 / 7 • MAC OS 10.4 or later	
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.

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