



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 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 Rev. 3.0 (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.