

M.2 SSD



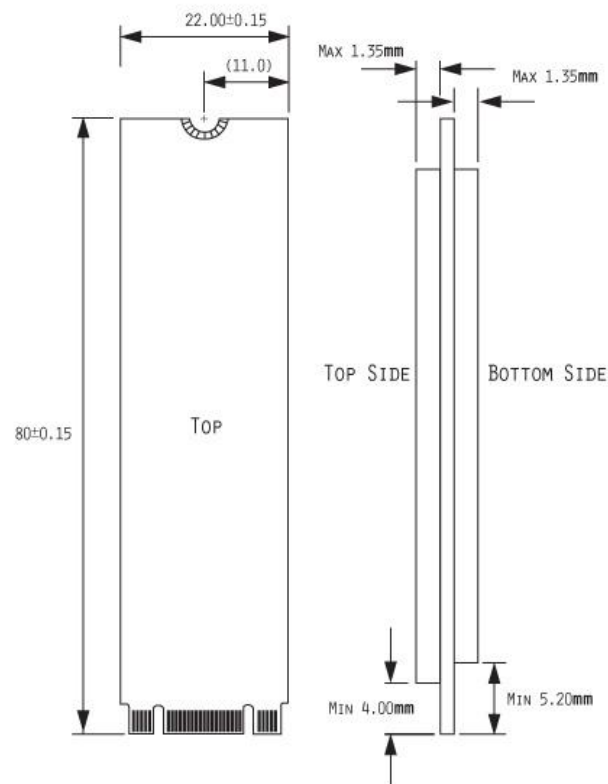
SATA III 6Gb/s MTS930T M.2 SSD

With the combination of larger storage capacity and lower production costs, Transcend's 3D TLC SSDs are the game-changer to the market, delivering endurance equivalent to what MLC-based solutions once prided themselves with. MTS930T with SATA III 6Gb/s interface, ultra compact dimensions and 3D NAND flash makes it best suited to address the high-performance needs and strict size limitations of small form factor devices, all while being extra cost-effective and brought to you at an attractive price.

Features

- Space-saving M.2 form factor (80mm) – ideal for mobile computing devices
- Supports DevSleep mode (optional), which allows devices to completely shut down the SATA interface and conserve battery life unlike existing partial/slumber states
- Supports S.M.A.R.T., TRIM and NCQ command
- RoHS compliant
- Advanced Global Wear-Leveling and Block management for reliability
- Supports Advanced Garbage Collection
- Built-in LDPC ECC (Error Correction Code) functionality
- Great shock resistance
- Bad Block Management
- Non-volatile Flash Memory for outstanding data retention

Specifications



Interface (connector)	M.2 module notch B+M
Form Factor	M.2 TYPE 2280-S2-B-M
Dimensions (mm)	80.0mm × 22.0mm × 3.58mm (3.15" x 0.87" x 0.14")
Flash Type	3D TLC
Capacity(GB)	60GB / 120GB / 240GB
Weight	8g (0.28 oz)
Max. Performance (Vary by density)	Read: 550MB/s, Write: 500MB/s
Op. Voltage(V)	DC 3.3V±5%
Power Consumption (W)	1.55W (Active), 0.28W (Idle)
Op. Temp.(°C)	0°C~70°C

Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios.

For special applications and environments, it is strongly suggested to contact Transcend beforehand for clarification.