

## mSATA SSD

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### SATA II 3Gb/s mSATA MSA630 SSD

Just one third the size of a business card, Transcend's mSATA MSA630 SSD lends itself to great design flexibility and cost savings. While small, mSATA MSA630 SSD features a high-bandwidth SATA 3Gb/s interface that helps bring the full performance benefits of SSD technology to tablets, ultrabooks, and other embedded storage applications.

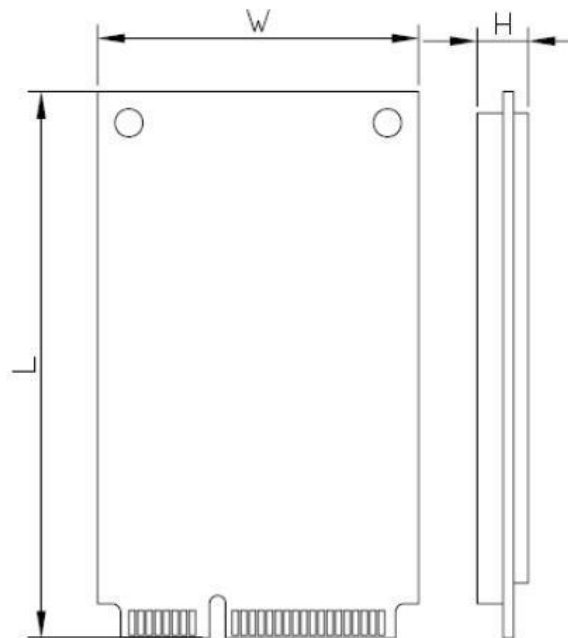
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#### Features

- RoHS compliant
- Fully compatible with devices and OS that support the SATA 3Gb/s standard
- Built-in ECC (Error Correction Code) functionality

- Power Shield
- Garbage Collection
- Support S.M.A.R.T. function
- Support Security Command
- Support StaticDataRefresh & EarlyRetirement technology to monitor error bit level and react before data is corrupted
- Advanced Global Wear-Leveling and Block management for reliability
- MLC NAND Flash

## Specifications



### Dimensions

| Side | Millimeters  | Inches        |
|------|--------------|---------------|
| L    | 50.80 ± 0.15 | 2.000 ± 0.006 |
| W    | 29.85 ± 0.15 | 1.175 ± 0.006 |
| H    | 3.70 ± 0.10  | 0.146 ± 0.004 |

|                                    |                              |
|------------------------------------|------------------------------|
| Interface (connector)              | mSATA, 52P/mini PCI-e        |
| Form Factor                        | MO-300A                      |
| Flash Type                         | MLC                          |
| Capacity(GB)                       | 16GB / 32GB / 64GB           |
| Max. Performance (Vary by density) | Read: 260MB/s, Write: 80MB/s |
| Op. Voltage(V)                     | 3.3V±5%                      |
| Power Consumption (W)              | 1.32W(Active), 0.6W(Idle)    |
| Op. Temp.(°C)                      | 0°C~70°C                     |
| Storage Temp.(°C)                  | -40°C~85°C                   |
| Humidity(%)                        | 0%~95%                       |

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.