

Item no.: 351643

TS128GMSA372M - 128GB NAND Flash, 2.3 Zoll, SATA 6 Gbps

from **129,88 EUR**

Item no.: 351643
shipping weight: 0.10 kg
Manufacturer: Transcend



Product Description

TS128GMSA372M - 128 GB mSATA Solid State Drive, MSA372M

Supporting the Serial ATA interface and built around a powerful controller, Transcend's SATA III 6 Gb/s MSA372M mSATA SSD delivers blazing-fast performance, and long-term reliability. The compact mSATA form factor is just one-eighth the size of a standard 2.5" SSD, making it perfect for use in space-constricted portable devices such as Ultrabooks, tablet PCs, and slim servers.

Appearance

- Dimensions: 50.8 x 29.85 x 4.85 mm (2" x 2.18" x 0.19")
- Weight: 8 g (0.28 oz)
- Pin count: 52 pin
- Form factor: mSATA (MO-300A)

Interface

- Bus interface: SATA III 6 Gb/s

Storage

- Capacity: 128 GB
- Flash type: MLC NAND Flash

Operating Environment

- Operating voltage: 3.3 V \pm 5%
- Operating temperature: 0°C (32°F) ~ 70°C (158°F)
- Storage temperature: -55°C (-67°F) ~ 85°C (185°F)
- Humidity: 5% ~ 95%
- Shock: 1500 G, 0.5 ms, 3 axis
- Vibration (operating): 20 G (peak-to-peak), 7 Hz ~ 2,000 Hz (frequency)

Power

- Power consumption (operation): 2.64 watt(s)
- Power consumption (sleep): 0.4 watt(s)

Performance

- Sequential read/write (CrystalDiskMark): Read: up to 550 MB/s; Write: up to 450 MB/s
- 4K Random read/write (IOMeter): Read: up to 70,000 IOPS; Write: up to 70,000 IOPS
- Mean Time Between Failures (MTBF): 2,500,000 hour(s)
- Terabytes written (TBW): up to 2360 TBW
- Drive writes per day (DWPD): 2.6 (3 yrs)
- Note: Speed may vary due to host hardware, software, usage, and storage capacity. The workload used to rate DWPD may be different from your actual workload, which may vary due to host hardware, software, usage, and storage capacity. Terabytes Written (TBW) expresses the endurance under the highest capacity.

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