Delock MiniPCIe mSATA 6 Gb/s flash module 512 GB -40 °C ~ +85 °C

Description

This mSATA flash module supports the SATA 6 Gb/s specification and impresses, compared to a standard module, with its more effective boot time and lower power consumption. It is designed for industrial use, has an extended temperature range of -40 °C +85 °C and supports the iSmart function (iSMART is a powerful, easy-to-use solid-state drive (SSD) and hard disk drive (HDD) monitoring tool. It allows system integrators to track important disk information, such as temperature, storage space, bad blocks, lifespan, and firmware, all under one platform). Furthermore, the module is vibration resistant. The intelligent recovery system provides testing and data recovery during voltage fluctuations.
The module can be configured as a boot device as well as for mere data storage.



512 GB

Item no. 54711

EAN: 4043619547111

Country of origin: Taiwan, Republic of China

Package: Antistatic cover

Specification

- Capacity: 512 GB
- Form factor: Mini PCIe - full size
- Interface: SATA 6 Gb/s
- Chip: Toshiba
- Flash type: MLC
- Maximum channels: 4
- Maximum speed: Read 421 MB/s - Write 220 MB/s
- Maximum write cycles: 3000
- Maximum power consumption: 1.4 W (3.3 V x 433.6 mA)
- Thermal sensor: ST- Optional
- H/W Write protect: Optional
- ATA security: Yes
- S.M.A.R.T.: Yes
- Dimensions (LxWxH): 50.8 x 29.8 x 3.3 mm
- Vibration: 20G / 7 - 2000Hz
- Shock: 1500G / 0,5ms
- MTBF: >3 million hours
- Storage temperature: -55 °C ~ +95 °C

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- Operation temperature: Industrial Grade -40 °C ~ +85 °C

System requirements

- A free Mini PCIe (mSATA) slot - full size

Package content

- mSATA memory card

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