

# Delock MiniPCIe mSATA 6 Gb/s flash module 16 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.



## Specification

- Capacity: 16 GB
- Form factor: Mini PCIe - full size
- Interface: SATA 6 Gb/s
- Chip: Toshiba A19
- Flash type: MLC
- Maximum channels: 4
- Maximum speed: Read 205 MB/s - Write 40 MB/s
- 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
- Operation temperature: Industrial Grade -40°C ~ +85°C

## System requirements

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

## Package content

- mSATA memory card

## Item No. 54706

EAN: 4043619547067

Country of origin: Taiwan, Republic of China

Package: Antistatic cover

