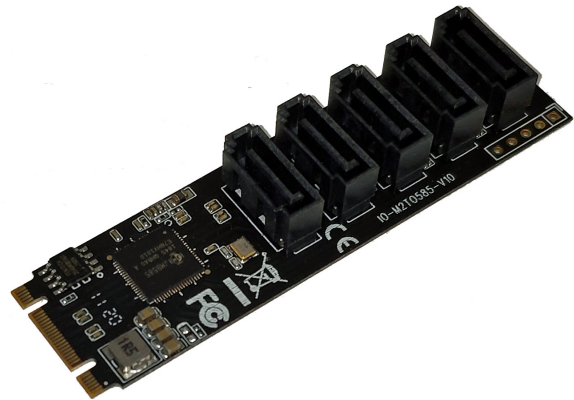# M.2 5 Port SATA controller card for Ten64

The 5 port SATA controller card is ideal for building a network attached storage (NAS) appliance using a Ten64 board.

Key Features

- M.2, Key B+M, 22x80mm form factor

- PCI Express 3.0, 2 lane host interface

- 5 x SATA 3.0 (6Gbps) ports, backwards compatible with SATA 1.0 and 2.0 devices.

- Supported out-of-the-box by Linux `ahci` driver

- Supports PCIe MSI (Message Signalled Interrupts) – one per port to maximise multi core performance

- JMicron JMB585 controller IC (PCI ID `197b:0585`)

Please note: This is a SATA controller card only – no hardware RAID function is provided. Software solutions such as Linux `md` or btrfs may be used to provide redundancy.

Temperature and Environment

- Host voltage: 3.3V

- Temperature range: 0-60°C

- Dimensions: 22 x 80 x 9mm

- Please contact us if higher temperature qualification is required

Package contents

- One 5-port SATA controller card

Recommended cables

- The use of slim / flexible SATA cables, such as 3M P/N 5602-44-0142A-300 is recommended.

  Conventional SATA cables may place unacceptable force on the module, especially under constrained cable-routing conditions.

Product Support

- Ask at our support community – https://forum.traverse.com.au

- Email support@traverse.com.au

- Traverse Technologies sells this accessory for the benefit of Traverse platform customers and is unable to provide support for use in non-Traverse host boards.