

Rock Pi 4 SATA HAT Penta NAS PCB



EAN CODE



Build your NAS based on Rock Pi 4 with up to 5 HDD/SSD and up to 100TB capacity

The Penta SATA HAT utilizes the M.2/PCIe interface on Rock Pi 4 to provide up to 5 SATA ports. This HAT works only with Rock Pi 4 mounted on the heat sink.

Features

- Up to 5x HDD/SSD, 2.5inch and 3.5inch storage is supported, max storage 100TB
- 4x SATA
- 1x eSATA with power
- utilizes two lanes of the PCIe 2.1 bus on Rock Pi 4
- DC power input with support for both 2.5inch drives and ROCK Pi 4
- External standard ATX power supply support for 3.5inch HDD
- HDD suspend mode support
- Software RAID 0/1/5 support
- Optional PWM control fan for HDD heat management
- Optional OLED display for IP / Store information
- **PLEASE NOTE:** You need to order the heat-sink with the Rock Pi 4 otherwise the Penta HAT can not be mounted on top!

eSATA

To fully take advantage of the 5th SATA port, an eSATA connector was implemented which can be exported e.g. out of the case. The eSATA connector provides both data and power. It can directly drive a 3.5inch HDD via a single cable.

Performance

The Penta SATA HAT is powered by the JMB585 with 2 lanes 5Gbs PCIe buses with up to 10Gbps bandwidth. With 5 SSD's configured in Raid0 mode, speed of up to 803MB/s can be achieved.

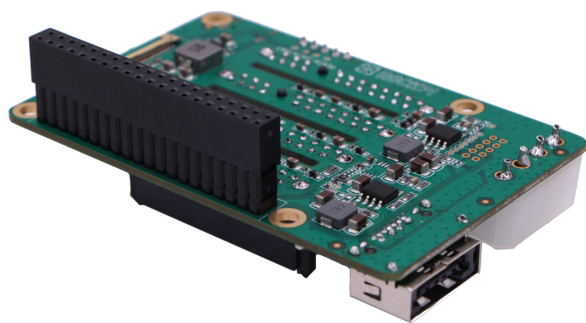
Product Content

Penta SATA HAT board

M.2 interface board with high speed Ribbon connector cable

optional: [SATA HAT Top Board](#)

Images supplémentaires



Accessoires

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187474	ALLNET Ersatznetzteil 12V/5A EU Type weiß