seeed studio

INDUSTRIAL PRODUCT DATASHEET

PCIe2.0 to dual M.2 hat for Raspberry Pi 5, Support NVMe SSD, Support Hailo8/8L

PCIe to dual M.2 hat designed for Raspberry Pi 5.

SKU	UPDATED	PRICE
103110064	2026-11-11 09:03:13	$14.90(Excl. VAT)



Overview



PCIe to dual M.2 hat designed for Raspberry Pi 5. Support PCIe Gen2 x1 speed work with 2230/2242/2260/2280 NVMe SSD. Support Hailo8/8L and Google Coral AI accelerators.

Key Features

01 **PCIe2.0 Dual Channel**

It supports the use of both NVMe SSDs and Hailo AI acceleration cards at the same time. Or you can choose to expand two NVMe SSD to bring massive storage capacity to your Raspberry Pi5. This hat utilizes the PCIe 2.0 switch chip ASM1182E, which has good compatibility with Raspberry Pi 5.

02 **Stable Connection**

Additional Pogo Pins for extra power supply to ensure a stable high-speed connection.

03 **Multiple size support**

2230/2242/2260/2280 compatible.

04 **Back-mounted design**

This hat features a back-mounted design, allowing users to freely use the 40-pin GPIO and can be used in conjunction with other hats. Additionally, it does not obstruct official Raspberry Pi heatsinks and fans, providing better airflow and cooling efficiency.

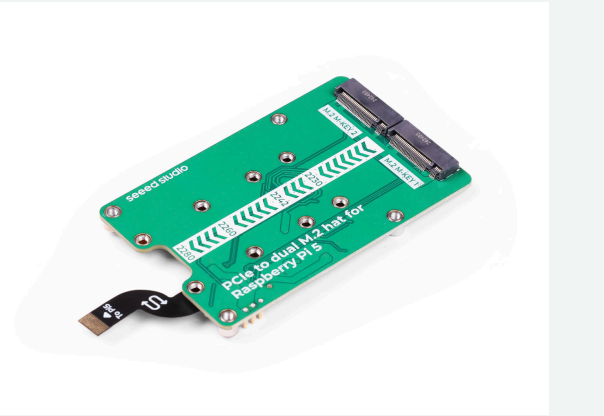
05 **User-friendly Design**

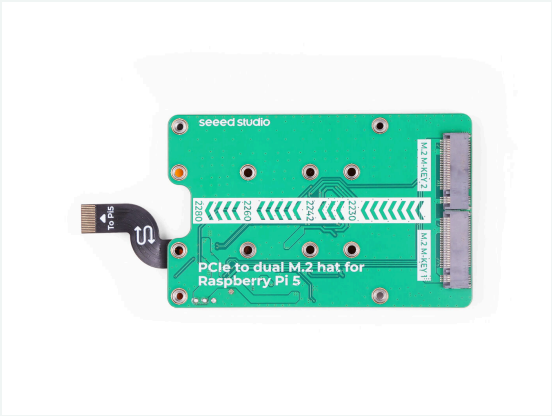
S-shaped FPC cable design that does not obstruct the micro SD card.

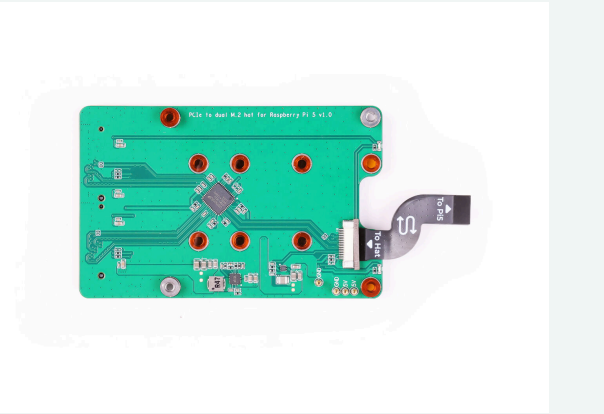
06 **Open source case**

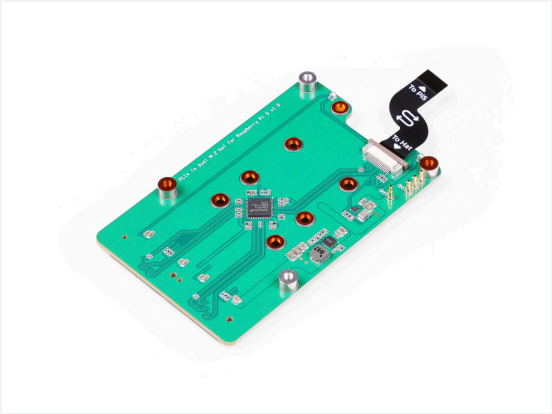
Seeed M.2 hats aren't compatible with Raspberry Pi official case, so we provide adapted 3D printing case stp file.Click to download

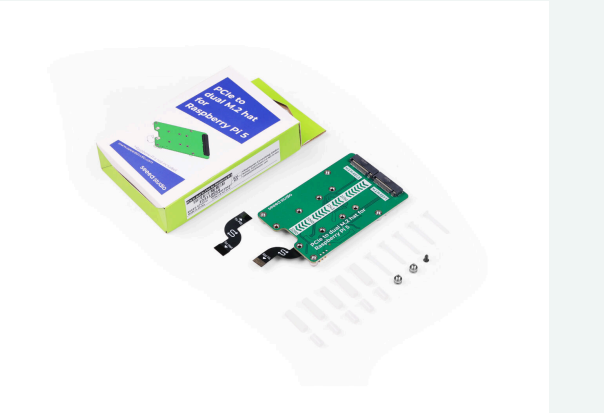
Product Gallery



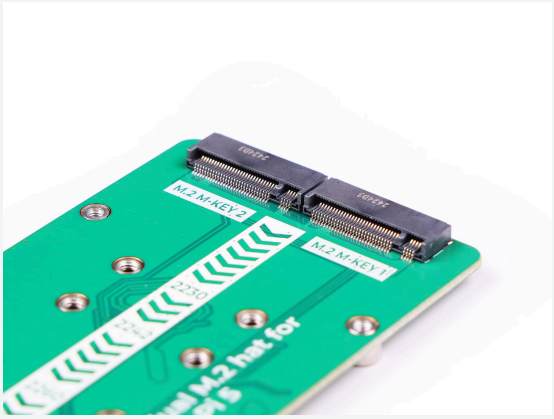


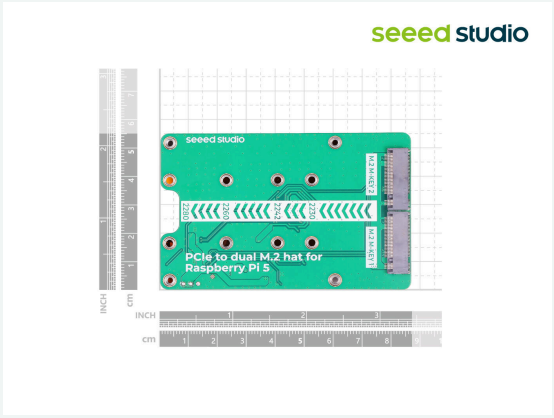




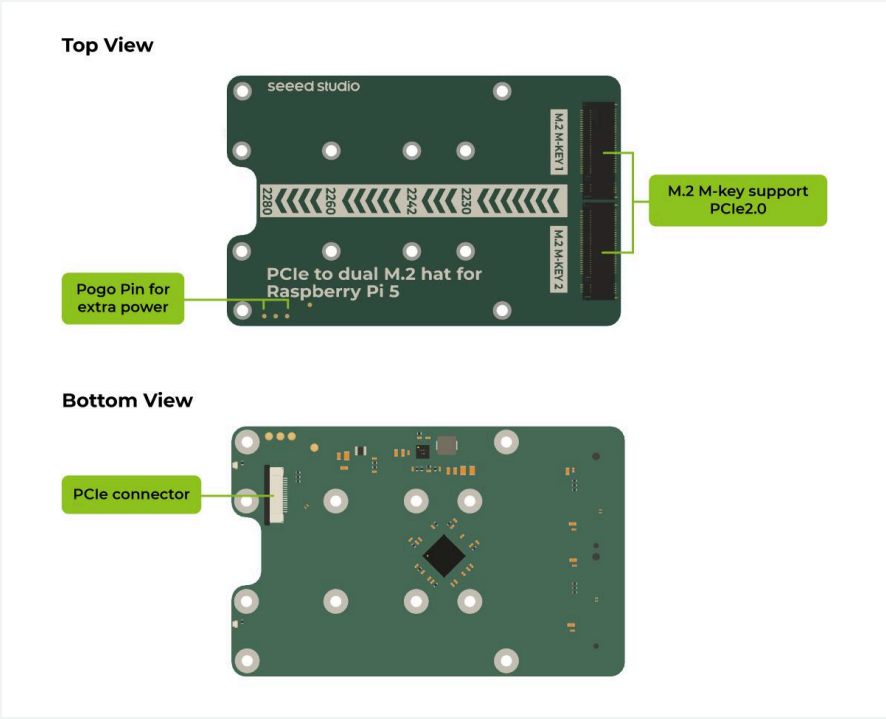








Hardware Overview



Applications

- **Support Hailo8/8L AI NPU acceleration**
- **Raspberry Pi large-capacity storage**
- **Booting a Raspberry Pi from the SSD**

Resource Links

- https://www.seeedstudio.com/PCIe-to-dual-M-2-hat-for-Raspberry-Pi-5-p-5973.html
- 3D print case stp file

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com