

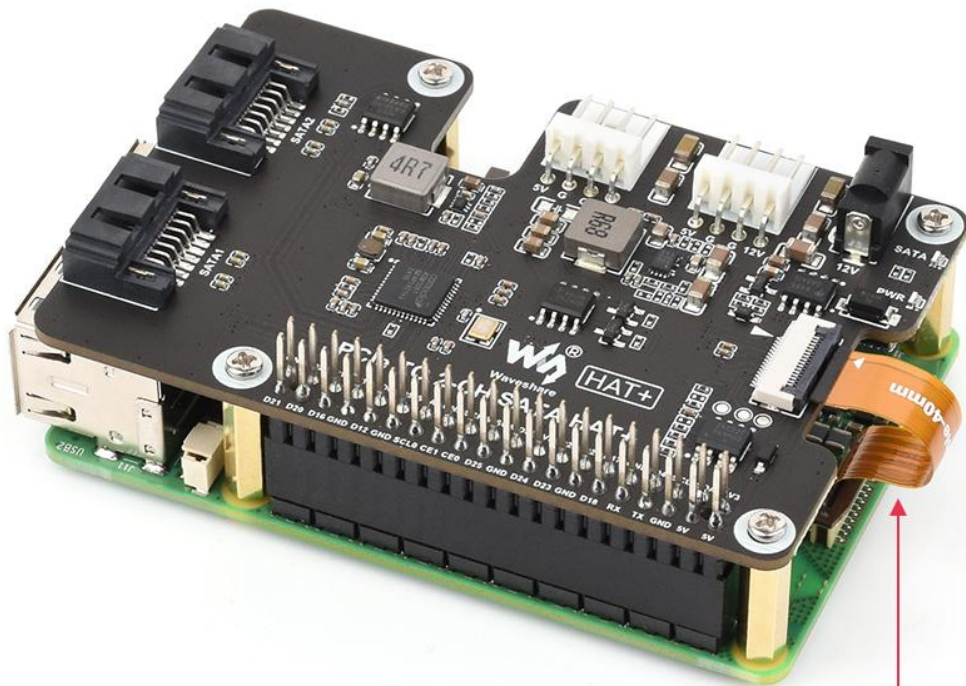
Waveshare 31882 - PCIe To 2-Ch SATA Adapter For Raspberry Pi 5, Supports SATA Hard Drive, Onboard Dual LED Indicators And EEPROM, HAT + Standard, Plug And Play - PCIe TO 2-CH SATA HAT+

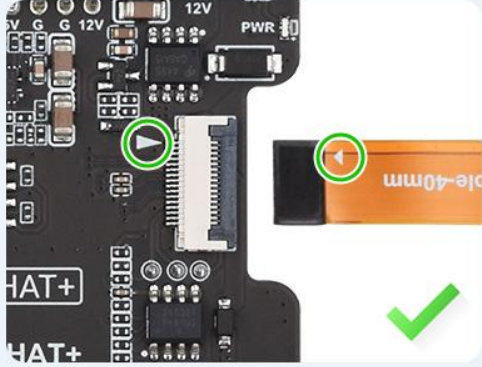
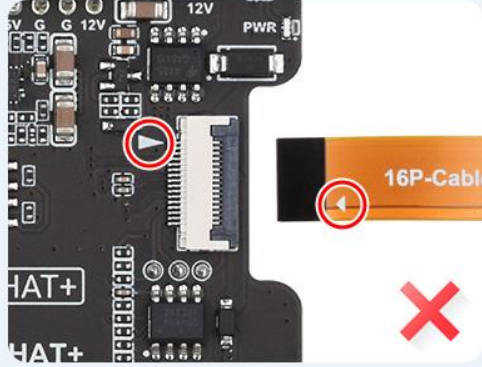
The **PCIe TO 2-CH SATA HAT+** adds two SATA 3.0 (6 Gbps) drives to your [Raspberry Pi 5](#) using its 16-pin PCIe interface. It's driver-free and delivers the convenience of dual LED indicators plus onboard EEPROM storage of HAT-ID info. Ideal for DIY NAS builds or media server projects.

Features

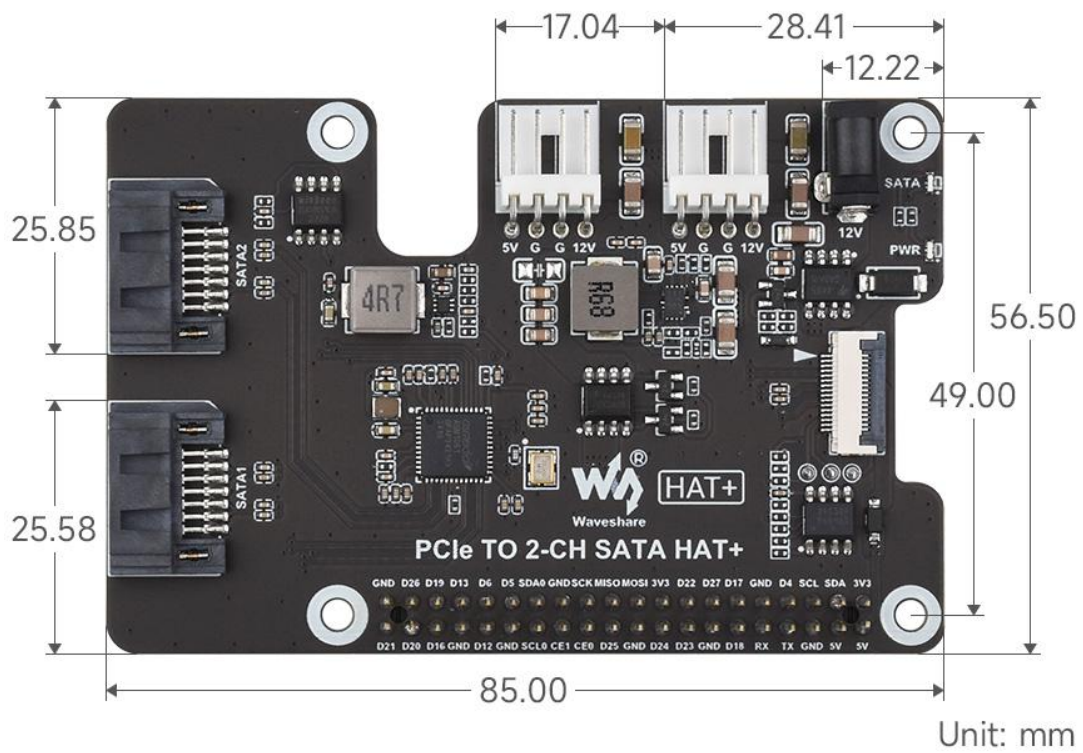
- Plug-and-play HAT for Raspberry Pi 5 with 16-pin PCIe FFC interface — no drivers needed on recent Pi OS
- Two SATA 3.0 ports (6 Gbps each), via PCIe Gen3×1 interface, supporting standard SATA hard drives (2.5" and 3.5")
- Supports power-saving modes (L0s / L1), AHCI Spec 1.2, and Native Command Queuing (NCQ) for efficient storage access
- Dual LED indicators to show drive activity and status
- Onboard EEPROM that stores HAT ID and product information
- Flexible power options: supports both 12 V and 5 V SATA power inputs via a 4-pin JST XH connector or barrel jack

Installation on Pi 5 via 16PIN Cable.



	
<p>Ensure the both triangles as shown above are in the same side when connecting the cable.</p>	<p>The HAT will not work if connection is reversed, and may cause malfunction or damage of the board</p>

Outline dimensions



Wiki: www.waveshare.com/wiki/PCIe_TO_2-CH_SATA_HAT+

Package content

1. PCIe TO 2-CH SATA HAT+ × 1
2. SATA Adapter Cable × 2
3. 16PIN PCIe cable × 1
4. Screws pack × 1