

Power Over Ethernet HAT (F) For Raspberry Pi 5 / CM 5, High Power, Onboard Cooling Fan, With Metal Heatsink, Supports 802.3af/at network standard

POE HAT for Raspberry Pi 5

Power Over Ethernet HAT For Raspberry Pi 5 / CM 5, Supports 802.3af/at Network Standard

12V and 5V power outputs to support more peripherals



Features at a glance

The **PoE HAT (F)** is a 802.3af/at-compliant Power Over Ethernet accessory for the **Raspberry Pi 5 / CM 5**. By using this small HAT and some proper 802.3af/at-compliant power sourcing equipments, it is possible to provide both network connection and power supply for your Raspberry Pi in only one Ethernet cable.

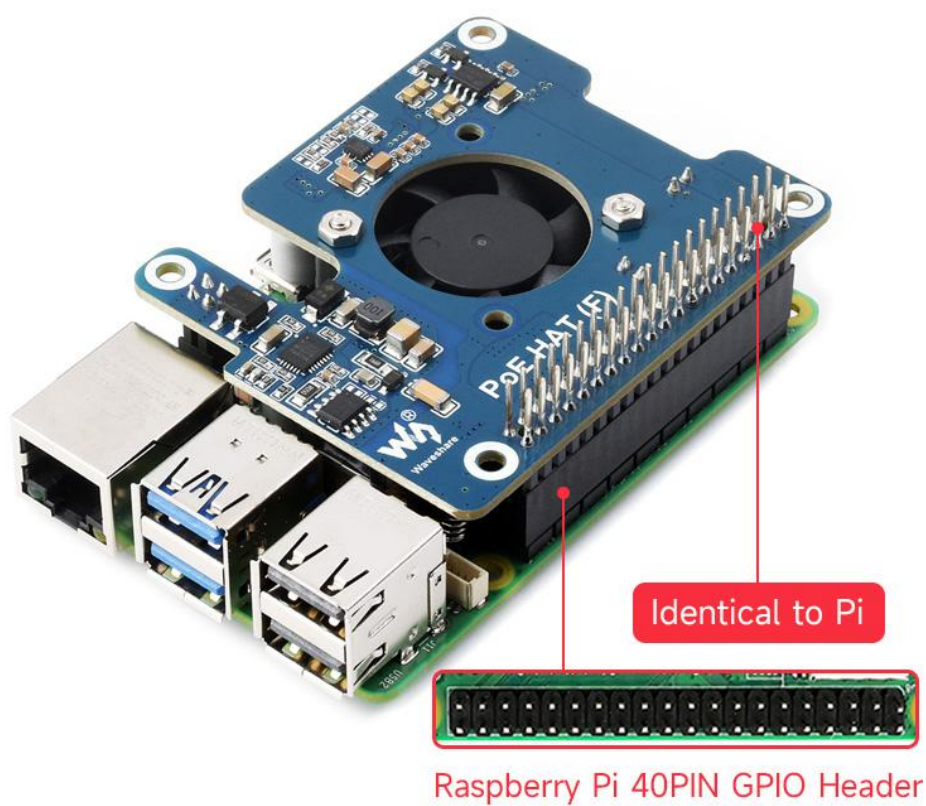
- Standard Raspberry Pi 40PIN GPIO header, supports Raspberry Pi 5 / CM 5
- PoE (Power Over Ethernet) capability, IEEE 802.3af/at-compliant
- Fully isolated switched-mode power supply (SMPS)
- Onboard high speed active cooling fan, with metal heatsink, better heat dissipation

Specifications

Input	38V ~ 57V DC in
Output	GPIO header: 5V 4.5A (MAX) 2P header: 12V 2A (MAX)
Size	56.5 × 70.0mm
Standard	IEEE 802.3af/at PoE

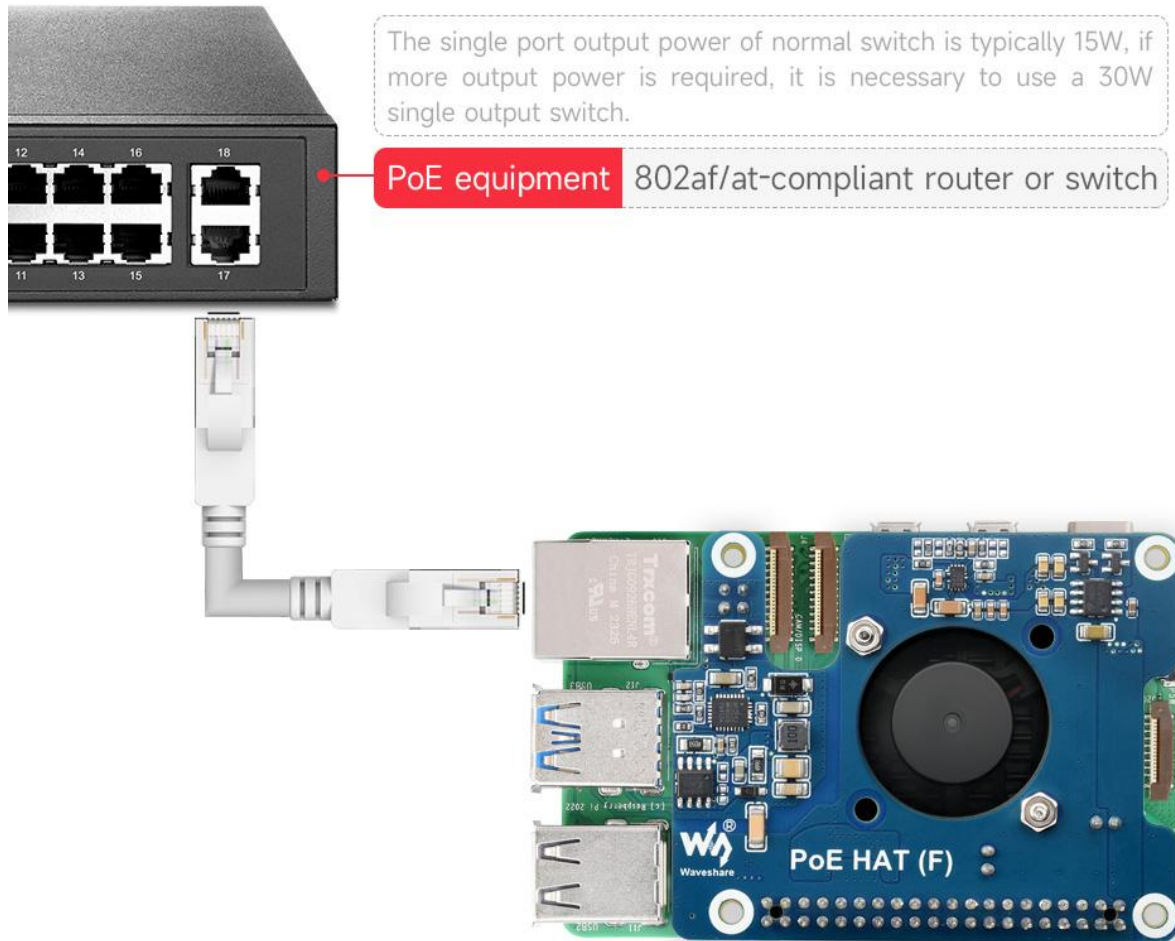
Suitable for Raspberry Pi 5 / CM 5

Standard Raspberry Pi 40PIN GPIO stackable header, allows connecting other HATs



Power Over Ethernet

providing both network connection and power supply for your Raspberry Pi in one cable

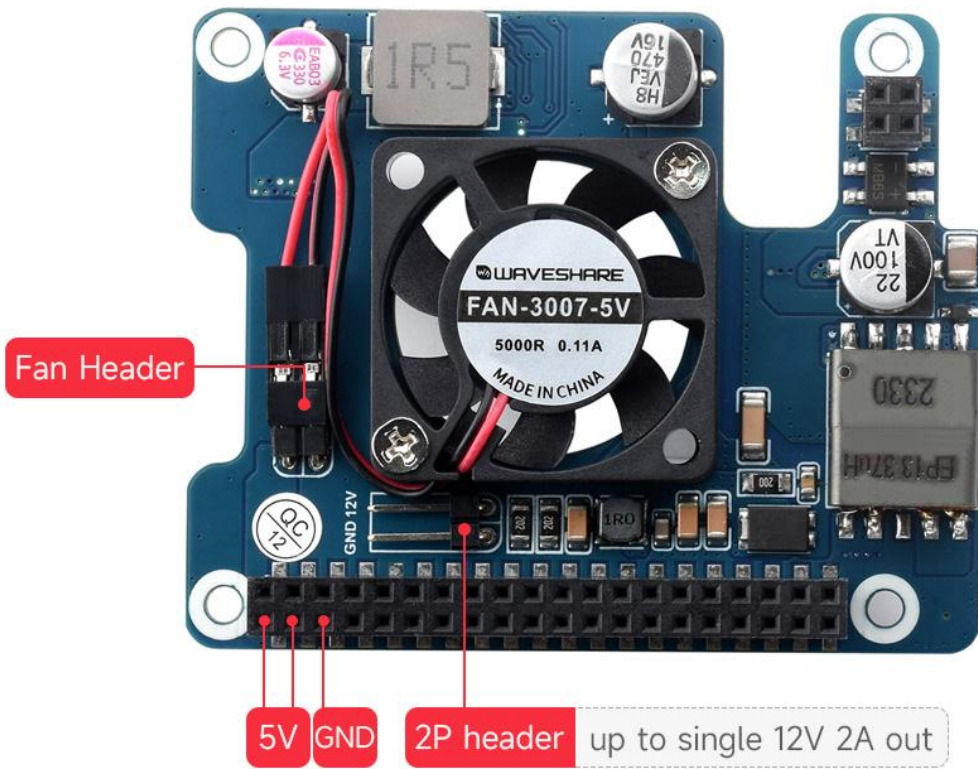


* for reference only, the [Raspberry Pi 5](#) and switch are NOT included.

Onboard 5V & 12V header outputs

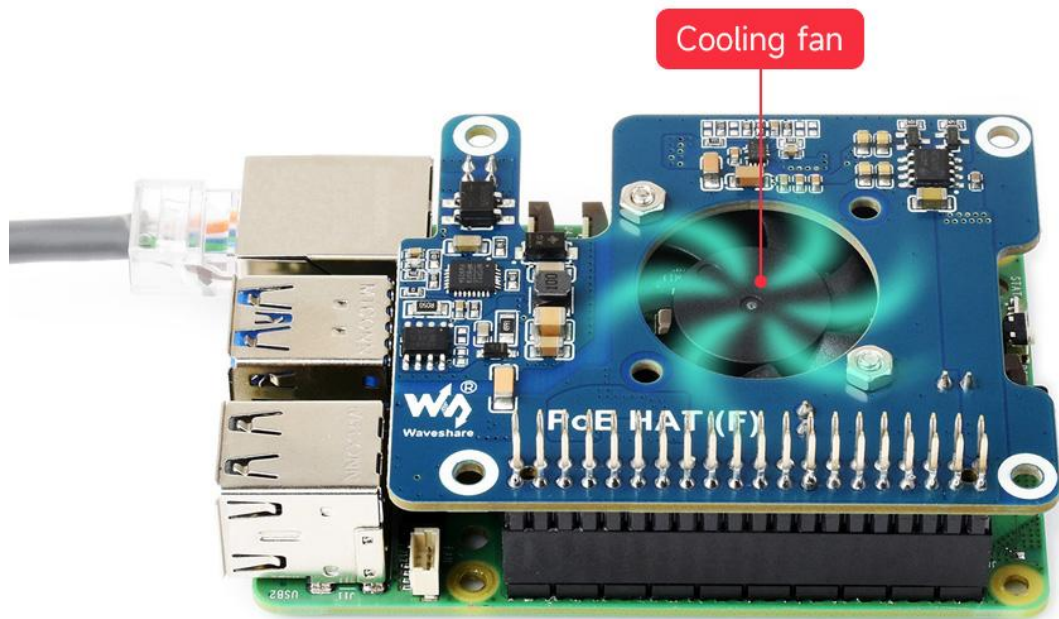
5V header provides up to 4.5A output (MAX 25W for 12V+5V total output power)

be able to power extra devices while providing stable power to Raspberry Pi



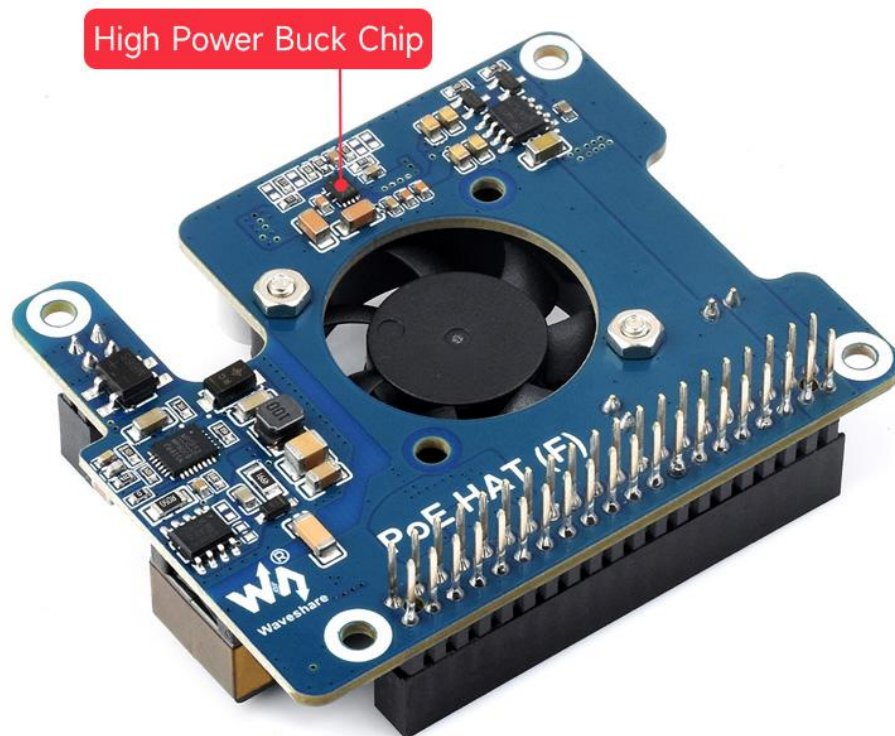
Active Cooling fan

Accelerate Cooling Effect, More Stable Performance



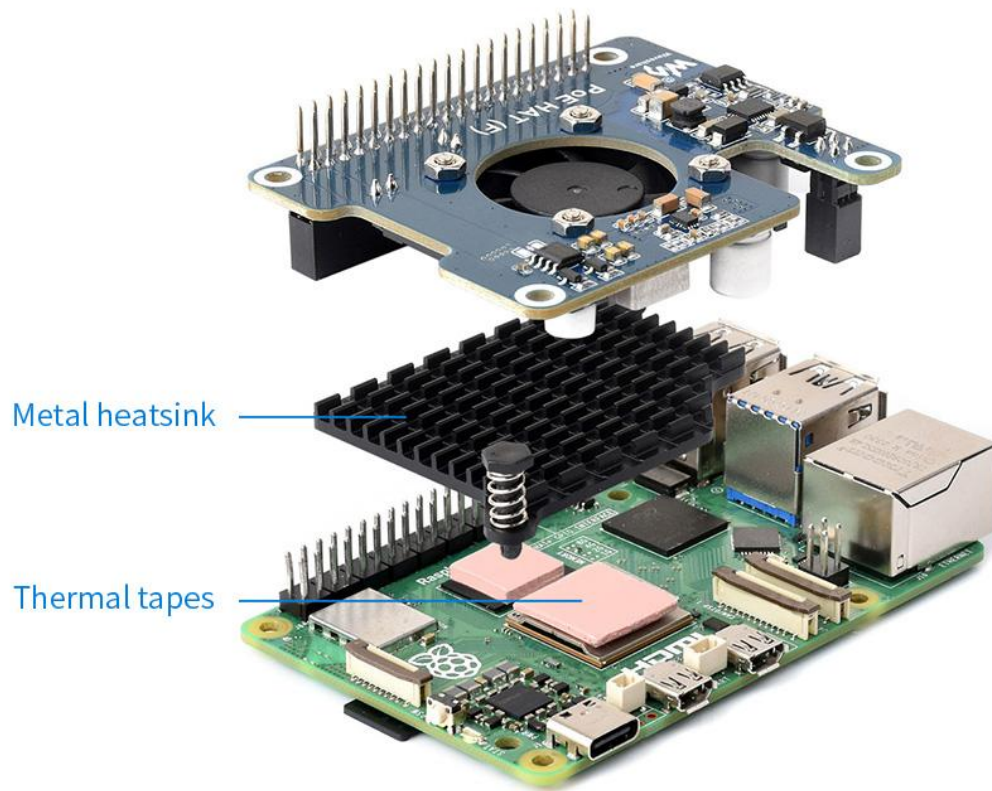
Onboard High Power Buck Chip

Incorporates original voltage buck chip
providing up to 5A under sufficient heat dissipation condition



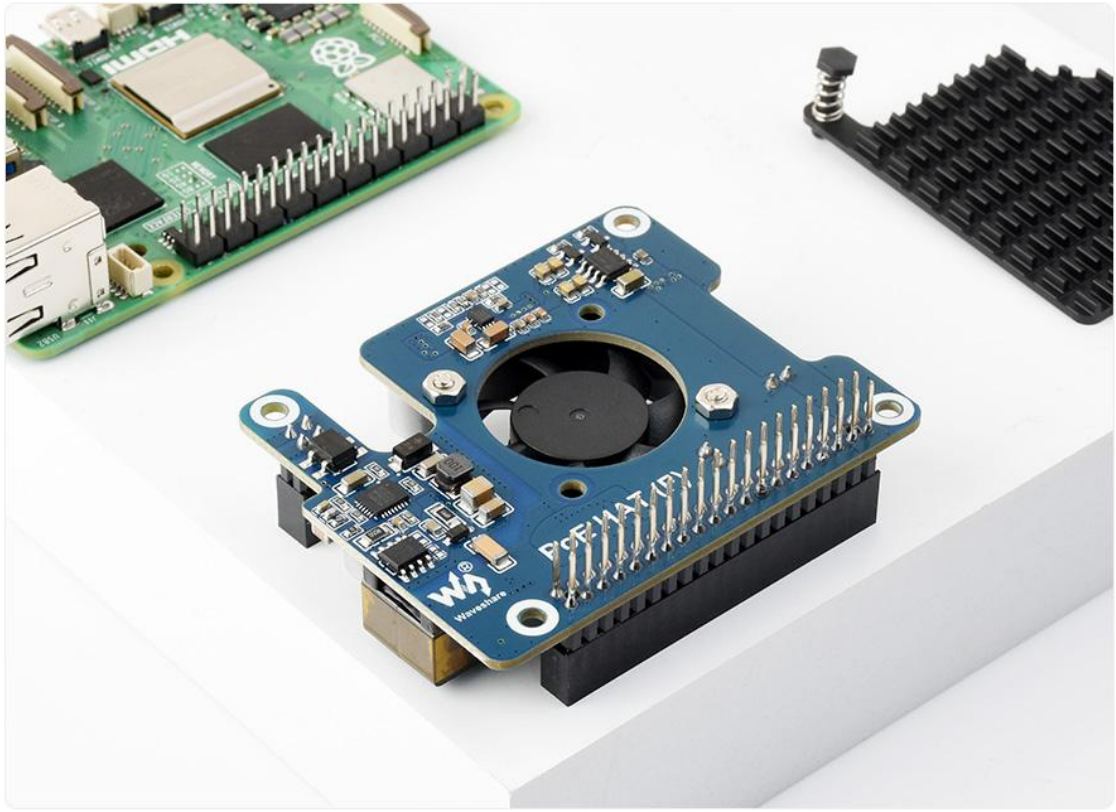
How to Install

Attach the thermal tapes first, then install metal heatsink and fix the PoE HAT



* for reference only, please refer to the Package Content for detailed part list

Product show





Outline dimensions

