PoE HAT

The Raspberry Pi PoE HAT powers a Raspberry Pi 4 Model B and Raspberry Pi 3 Model B+ via an Ethernet cable. Power-sourcing equipment is required on the Ethernet network.

Getting started

The Raspberry Pi Power over Ethernet HAT is a small accessory for the Raspberry Pi computer. It can only be used with the Raspberry Pi 4 Model B (launched June 2019) and the Raspberry Pi 3 Model B+ (launched March 2018). The PoE HAT allows you to power your Raspberry Pi using Power over Ethernet–enabled networks; for this product to be used, the network it is connected to needs to have power-sourcing equipment installed.

Supplied with this product

- Raspberry Pi PoE HAT
- Mechanical spacers

Other hardware needed

- A Raspberry Pi 4 Model B or Raspberry Pi 3 Model B+
- An Ethernet cable
- Power-sourcing equipment for a 802.3af Power over Ethernet network

Connecting your PoE HAT to the Raspberry Pi

- Before installing the PoE HAT, you must attach the supplied spacers in the four corners of the board
- Then connect the Raspberry Pi PoE HAT to the two 0.1" headers (40 + 4) that are fitted on the Raspberry Pi
- Once the PoE HAT board is connected, you can power the Raspberry Pi through its RJ45 network connector

Disconnecting your PoE HAT

Take care when separating the HAT from the Pi
Pull evenly so that it detaches from all the pins at the same rate; do not pull one end of the connector off before the other