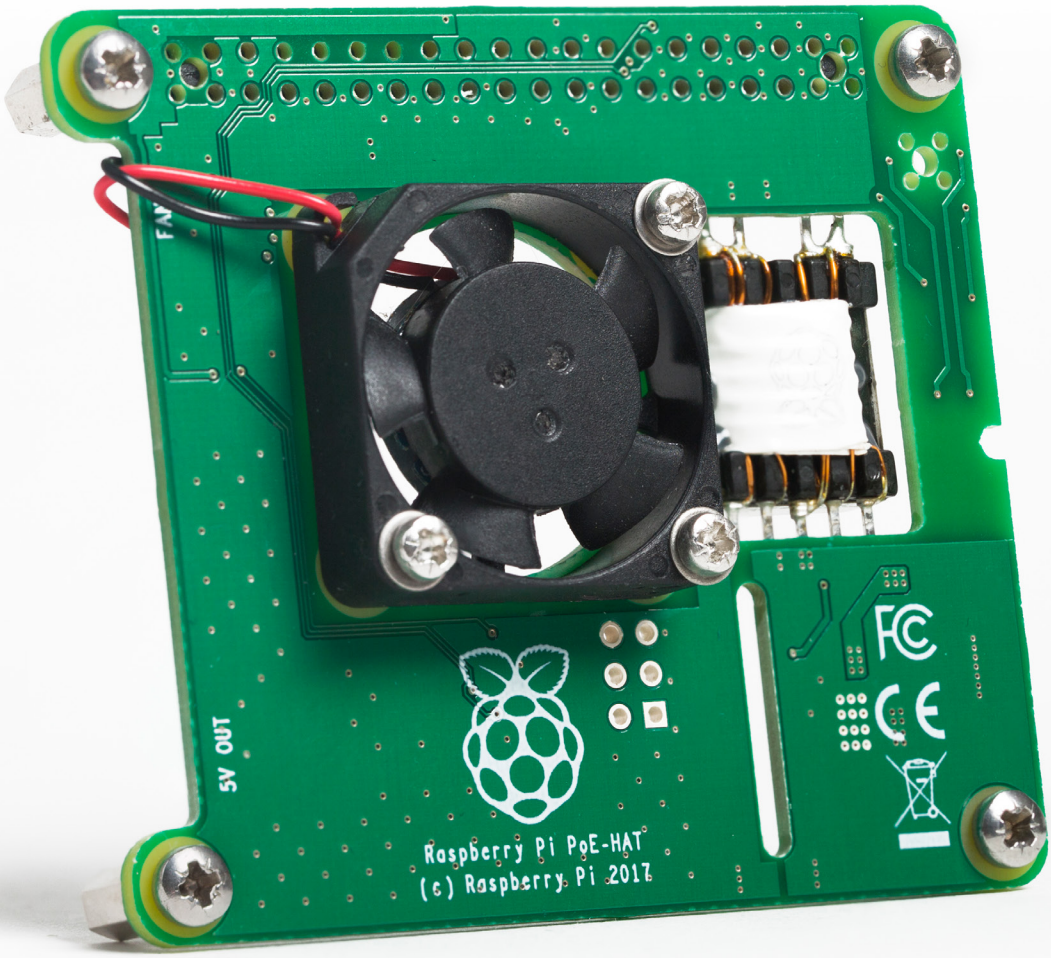
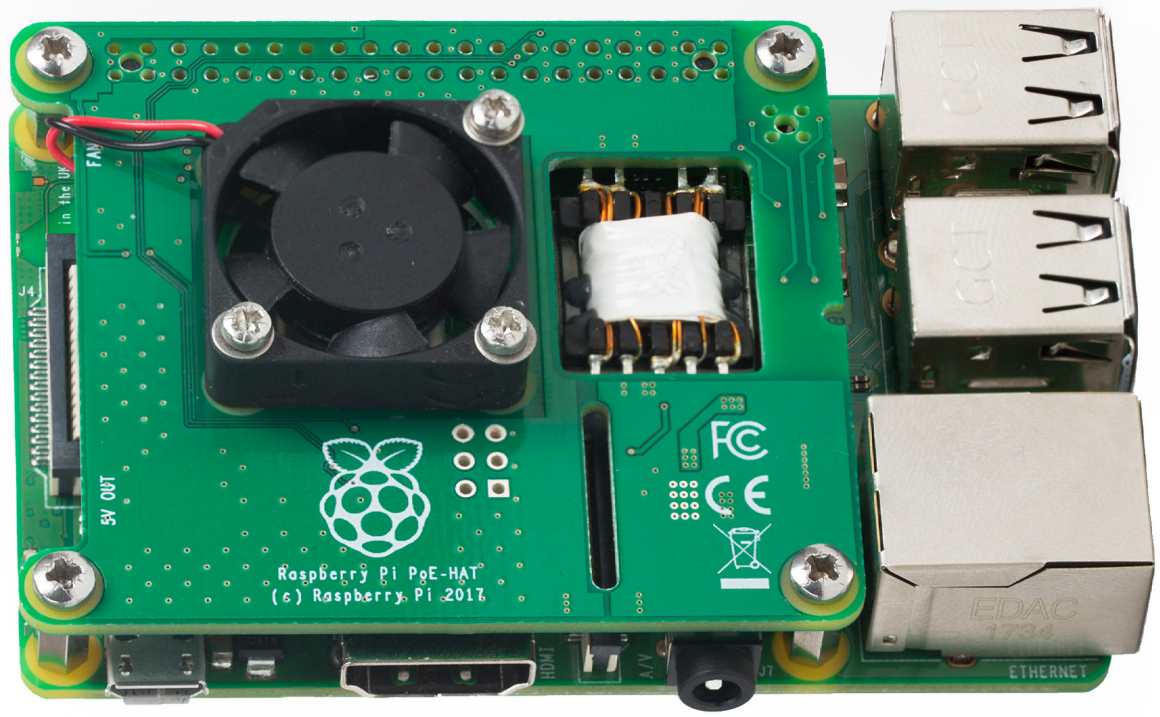
Raspberry Pi PoE HAT



Overview

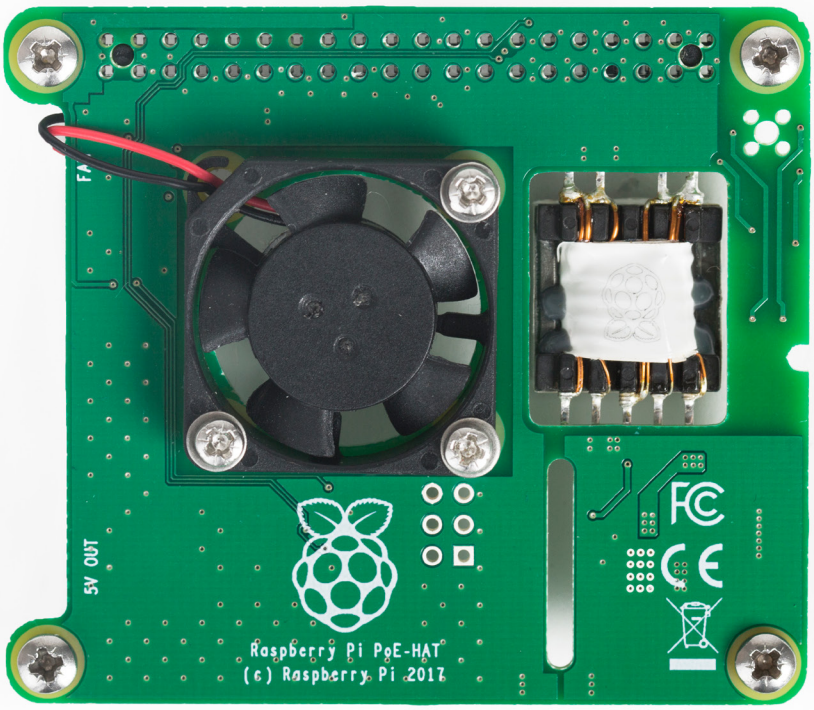
The Raspberry Pi PoE HAT is an add-on board for the Raspberry Pi 3 Model B+ (and later boards). It is used to power the Raspberry Pi via an Ethernet cable, provided that power-sourcing equipment is installed on the Ethernet network.

The HAT also includes a fan that will cool the processor on the main Raspberry Pi board.

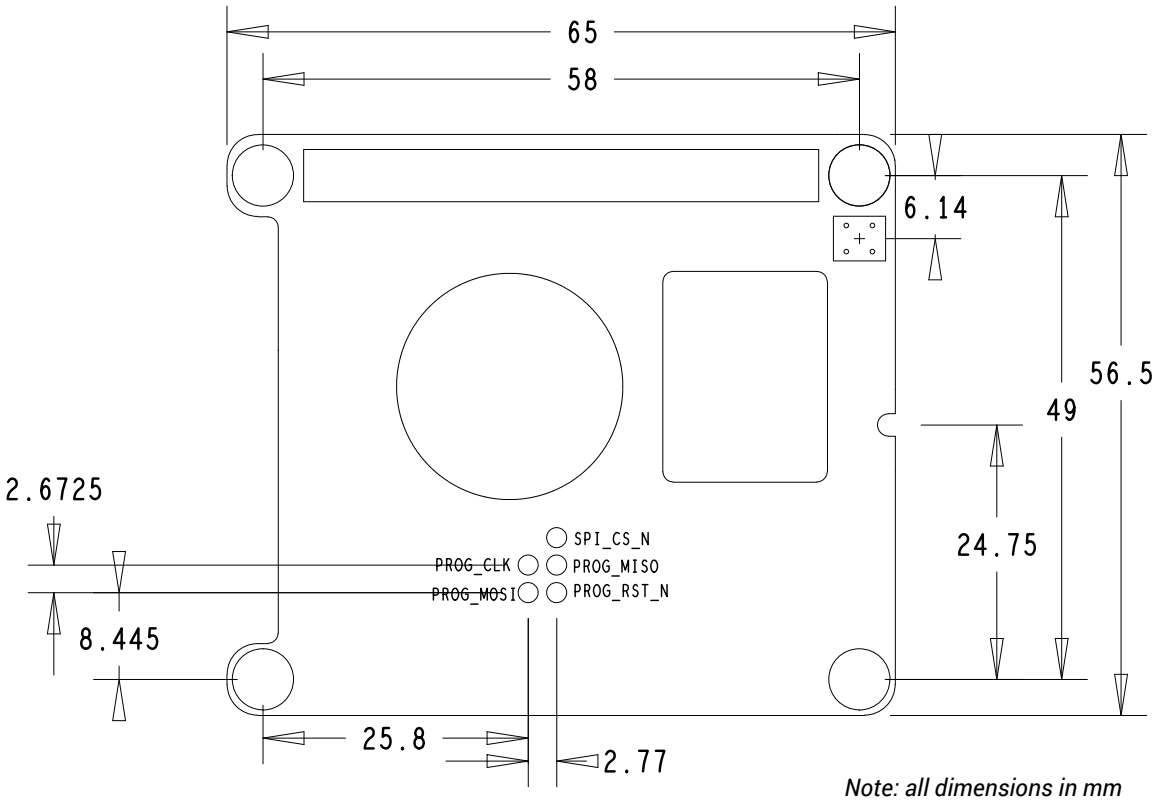


Specifications

Standard:	IEEE 802.3af-2003 PoE
Input voltage:	37–57 V DC, Class 2 device
Output power:	5 V DC/2.5 A
Cooling:	25mm × 25mm brushless fan delivering 2.2 CFM for processor cooling
Features:	■ Fully isolated switched-mode power supply ■ Fan control
Compliance:	For a full list of local and regional product approvals, please visit www.raspberrypi.org/products/poe-hat
Production lifetime:	The Raspberry Pi PoE HAT will remain in production until at least January 2023



Physical specifications



Note: all dimensions in mm

Warnings

- This product shall only be connected to a Raspberry Pi 3 Model B+ or later.
- Any external power-sourcing equipment/power injector used to enable a Ethernet network shall comply with relevant regulations and standards applicable in the country of intended use.
- This product should be operated in a well ventilated environment and, if used inside a case, the case should not be covered.
- The connection of incompatible devices to the GPIO connection may affect compliance and result in damage to the unit and invalidate the warranty.
- All peripherals used with this product should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to keyboards, monitors and mice when used in conjunction with the Raspberry Pi.
- Where peripherals are connected that do not include the cable or connector, the cable or connector must offer adequate insulation and operation in order that the relevant performance and safety requirements are met.

Safety instructions

To avoid malfunction or damage to this product please observe the following:

- Do not expose to water or moisture, or place on a conductive surface whilst in operation.
- Do not expose it to heat from any source. The Raspberry Pi 3 Model B+ and PoE HAT are designed for reliable operation at normal ambient room temperatures.
- Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.
- Avoid handling the printed circuit board whilst it is powered and only handle by the edges to minimise the risk of electrostatic discharge damage.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Power Management IC Development Tools ***category:***

Click to view products by Raspberry Pi ***manufacturer:***

Other Similar products are found below :

EVAL-ADM1168LQEBZ EVB-EP5348UI MIC23451-AAAYFL EV MIC5281YMME EV DA9063-EVAL ADP122-3.3-EVALZ ADP130-0.8-EVALZ ADP130-1.2-EVALZ ADP130-1.5-EVALZ ADP130-1.8-EVALZ ADP1714-3.3-EVALZ ADP1716-2.5-EVALZ ADP1740-1.5-EVALZ ADP1752-1.5-EVALZ ADP1828LC-EVALZ ADP1870-0.3-EVALZ ADP1871-0.6-EVALZ ADP1873-0.6-EVALZ ADP1874-0.3-EVALZ ADP1882-1.0-EVALZ ADP199CB-EVALZ ADP2102-1.25-EVALZ ADP2102-1.875EVALZ ADP2102-1.8-EVALZ ADP2102-2-EVALZ ADP2102-3-EVALZ ADP2102-4-EVALZ ADP2106-1.8-EVALZ ADP2147CB-110EVALZ AS3606-DB BQ24010EVM BQ24075TEVM BQ24155EVM BQ24157EVM-697 BQ24160EVM-742 BQ24296MEVM-655 BQ25010EVM BQ3055EVM NCV891330PD50GEVB ISLUSBI2CKIT1Z LM2744EVAL LM2854EVAL LM3658SD-AEV/NOPB LM3658SDEV/NOPB LM3691TL-1.8EV/NOPB LM4510SDEV/NOPB LM5033SD-EVAL LP38512TS-1.8EV EVAL-ADM1186-1MBZ EVAL-ADM1186-2MBZ