Item no.: 384235

EB7497 - Raspberry Pi PoE HAT

from **31,23 EUR**

Item no.: 384235
shipping weight: 0.10 kg
Manufacturer: Raspberry Pi Foundation

Product Description

Raspberry Pi PoE+ HATThis PoE+ HAT module is required to make a Raspberry Pi PoE compatible. Power is supplied directly and in parallel to the data via the Ethernet cable. A separate power supply unit is therefore no longer required.The PoE+ (Plus) module replaces the previous model, which was only "conditionally" suitable for the current Raspberry Pi 4 generation.This is an ideal solution for embedded and IoT projects where no power socket is available or possible. From Raspberry Pi 3 model B+ onwards, an 802.3af-compliant POE injector, switch or router is required (not included), which can supply the required power for the RPi (from 3 B+ and newer) via the LAN cableSpecifications of the Raspberry Pi PoE+ HAT- Power-over-Ethernet 802.3af specification- Class 2 device- Fully isolated Switch Mode Power Supply (SMPS)- 36-56V input voltage- 5V output voltage- 3.0A current- Max. Power output corresponds to 15 watts- Integrated fan control- Integrated fan (25x25mm, "brushless")- Plug-and-play compatibility with Raspberry Pi from 3 model B+Important notes on use with accessoriesThe PoE HAT board cannot be used with a Raspberry Pi heat sink attached at the same time! Cooling is provided by the integrated fan. The PoE+ HAT no longer simply fits into the official housing like the previous "PoE HAT" model. Unfortunately, the distances to the edge of the housing are very tight here.New revision since 17 May 2023The revision update includes design changes to improve production and efficiency improvements in the area of power consumption.Item contains:- 1 x Raspberry Pi PoE+ HAT extension- 1 x set of spacers (4x) incl. matching screws (8x)

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability