Pi Supply

Home   Shop ⊙   Resources ⊙   Services ⊙   Contact Us   About Us

Product Categories

- Audio & Visual
- Cables & Accessories
- Cases
- Displays
- Electronics
- Gift Vouchers
- HATs & Add-Ons
- Kits & Bundles
- Other Micro Computers
- Pi Supply Range
  - Assembled Boards
  - Self-Solder Kits
- Power Supplies & Batteries
- Raspberry Pi
- SALE!

🔍

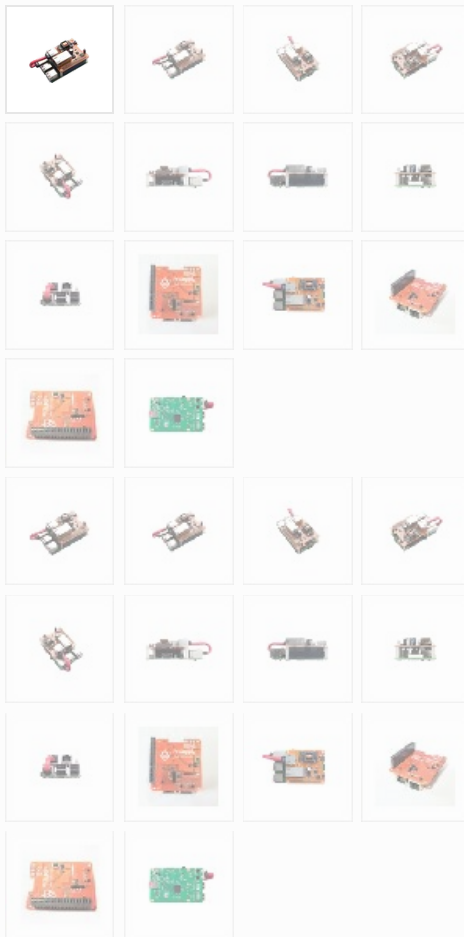# Pi PoE Switch HAT – Power over Ethernet for Raspberry Pi

★★★★★
(5 customer reviews)

The Pi PoE Switch HAT is an add-on board for the Raspberry Pi that brings the **Pi Supply Switch technology** together with PoE all in one fantastic package! You can now power your Raspberry Pi and provide an Ethernet connection in any location with just a single cable. Perfect for removing the clutter of

wires and for reliable use in remote locations.

The Pi PoE Switch HAT is compatible with the Raspberry Pi 3

Pi PoE Switch HAT Case

☐ Add for

⚠ Out of stock

[–] 1 [+] | **Add to cart**

Notify me when this product is in stock:

> abc@example.com

Subscribe

SKU: PIS-0250 Categories: **All Raspberry Pi HATs & pHATs**, **Assembled Boards**, **HATs & Add-Ons**, **Other Power Solutions**, **Pi Supply Range**, **Power Supplies & Batteries** Tags: **HAT**, **PoE**, **Power over Ethernet**, **Power Switch**, **Switch** Brand: **Pi Supply**

📋 **Description** | ☰ Additional information | 💬 Reviews (5)

Description

This product is compatible with the Raspberry Pi 3

The Pi PoE Switch HAT is a power over ethernet add-on board for the Raspberry Pi that brings the **Pi Supply Switch technology** together with PoE all in one fantastic package! You can now power your Raspberry Pi and provide an Ethernet connection in any location with just a single cable. Perfect for removing the clutter of wires and for reliable use in remote locations.

We have been working very hard on all of the technical features so that you don't have to!

Technical Specification

- Fully 802.3af (mode A and B) compliant active power over Ethernet
- Includes optional jumper that toggles the power functionality
  - If you keep the jumper on, your Pi PoE will power on after holding the power button for two seconds
  - If you take the jumper off, your Pi PoE will power on as soon as you apply power from your injector (If you don't have a PoE Injector yet, you can pick one up **here**!)
- Contains physical layer power negotiation circuitry, presenting itself as a Class 0 device
- Fully isolated switched mode power supply (SMPS) – 1500V isolation input to output
- Overload and short circuit protection
- Over temperature protection
- High efficiency (up to 87%) regulated output
- Input voltage 36-56V, output voltage 5V, output current 10-1300mA, max output power 6.5W
- Onboard ATtiny 13A microcontroller for power management functionality
- Configurable on / off switch for intelligent power management
- Leaves all unused GPIO free for use with other add on boards

---

- Fully assembled board
- Mounting hardware and short ethernet patch cable included

Software and Samples

Pi PoE is completely plug and play – no software required in order for Pi PoE to provide power and Ethernet directly to your Raspberry Pi and it will work straight out of the box.

We also have plans to introduce some useful scripts and guides in order for you to make use of the configurable on board button as well as harness the unused power of the ATtiny on board and these will be introduced in due course.

Resources

- **Code examples**

You may also like…

Pi PoE Switch HAT Case

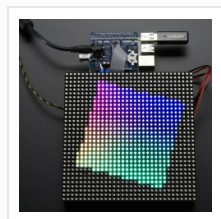Raspberry Pi 3 Model B – Newest Version
★★★★½

TP-LINK PoE Injector – TL-PoE150S

PaPiRus ePaper / eInk Screen HAT for Raspberry Pi

Related products

Adafruit RGB Matrix HAT + RTC for Raspberry Pi – Mini Kit

Fish Dish Raspberry Pi LED Buzzer Board
★★★★½

Pi Crust – Easily Connect Electronics to the Raspberry Pi

In-line power switch for 2.1mm barrel jack

Information

About Us
Order Information

Account

Cart
Checkout

Recent Posts

Say hello to Flick – Gesture control boards for

Subscribe

Subscribe to our social channels to receive updates.

Raspberry Pi, Pi Zero, and I2C devices

JustBoom – High Quality Audio for the Raspberry Pi

The Raspberry Pi 3 Model B Is Here!

Website design by Little Web Dress

0.0 ★★★★★
No rating available