PiZ-EzConnect KIT

PiZ-EzConnect KIT allows you to customize and build your own GPIO connector for a Raspberry Pi or a Pi-clone (e.g. Asus Tinker, PiOrange etc.) All 40 pins used by the Raspberry Pi are exposed. Soldering is required.

KIT includes:
- Twelve, two port terminal blocks
- Two three port terminal blocks
- One 2x20 male header pins for Raspberry Pi without a male header (e.g. Pi Zero or Pi Zero W)
- One Pi-EzConnect board
- One Pi male/female header pin

The picture above shows what is included in the kit.

Using a PiZ-EzConnect board, it is possible to connect multiple sensors and other electronic devices / components to multiple GPIOs on a Raspberry Pi. PiZ-EzConnect-KIT makes it possible to customize it to suite your needs.
With PiZ-EzConnect-KIT, you can leverage the full capability of a Raspberry Pi. Soldering is required.

*Raspberry Pi Pin definition.*

The Pin definitions for a Raspberry Pi are shown above. PiZ-EzConnect replicates the above connections.

Pi 3 with PiZ-EzConnect.

Comparing Pi Zero and PiZ-EzConnect dimensions.
Specifications

**General Information**
Model Number: PiZ-EzConnect
Protection: none, passive connector block to Raspberry Pi or other 40 pin connector products.
Pin connections: Displayed on the board.
Header connections – can use 0.1” or 2.54 mm spaced headers, male or female.
Standoff connections – matches Raspberry Pi model A+, B+ and Pi 2. Recommend 10mm brass standoffs for Pi.
Other information – additional 3.5mm terminal blocks can be used.

**Dimension/Weight:**
Board Dimensions: 71 mm x 30mm.
Board thickness: 1.7 mm.
Terminal Blocks: 9mm from base of the board.
Weight: 32 grams (appx 1.2 ounces)
Raspberry Pi connector header dimensions:
  Female pins – 8.5mm. Male pins – 11 mm.
  Male pins can be cut off if not used.

**Safety:**
Passive board. Safety is provided by device connected to PiZ-EzConnect. No CE or UL testing required.

**Warranty:**
90 days parts and labor limited warranty.

**Recommended Accessories:**
Most accessories can be purchased from several web sites or online stores.

**Pi-EzConnect** – ideal for use with Pi 2, Pi 3.
Provides for connections as well as solder points for all GPIO pins. Also provides a mini breadboard.

**Standoff / Spacer** – M2.5 standoff, 12-15 mm long.
**Pi-16ADC** – 16 channel, 16-bit Analog to Digital Converter.
**Pi-BB** – Bread board ideal for use with a Raspberry Pi.
**PiZ-EzConnect** – Similar to this KIT, however some terminal blocks are pre-soldered.

Please follow recommended safety regulations when soldering or using electronic components or making connections or connecting power supplies to Raspberry Pi.

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UPC Code: 7-08088-35254-6

GP Consulting Inc. / Alchemy Power
1525 Miramonte Avenue, #3842
Los Altos, CA 94024
Phone: 650.823.2316
Email: sales@alchemypower.com
www.alchemypower.com