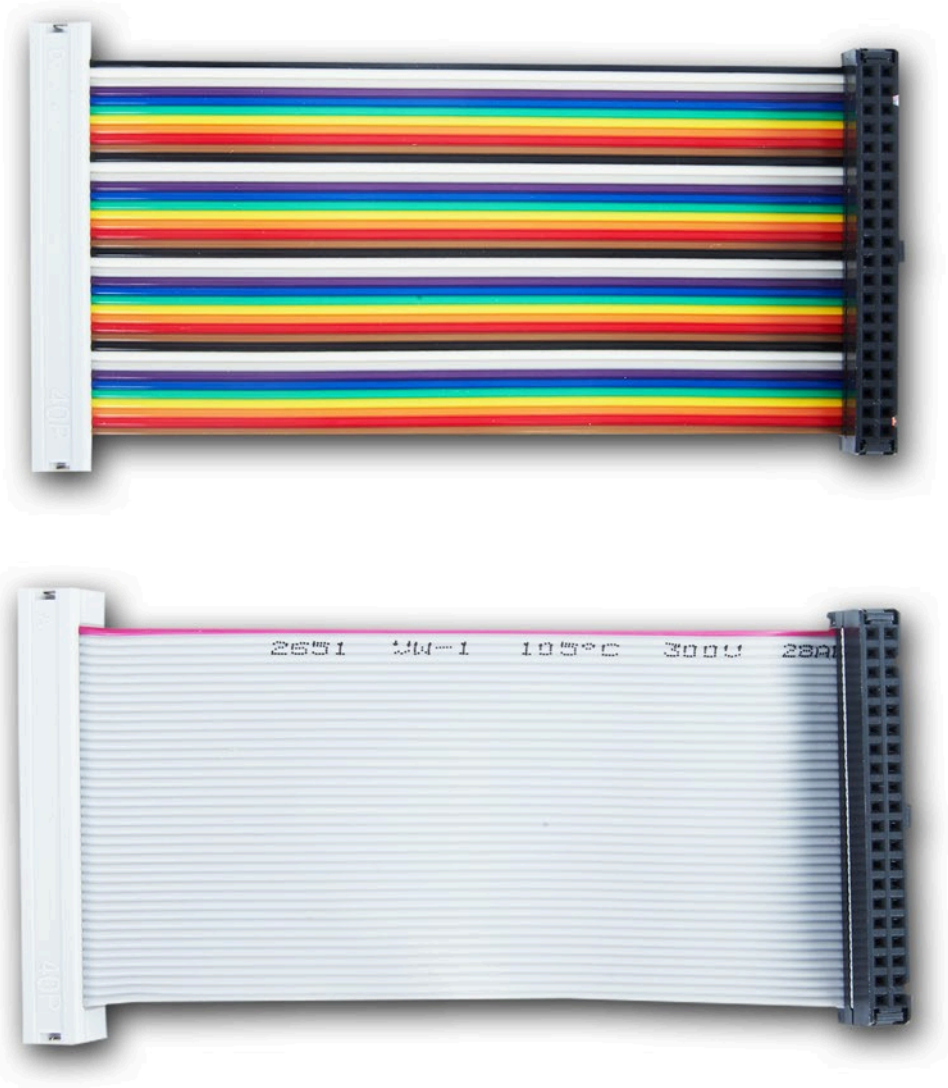


ED-Pi400EXT

EDA TECHNOLOGY CO.,LTD



Introduction

40pin IO Extender supports Raspberry Pi 400, Pi 500, Pi 500+ and other Raspberry Pi Computers which need to connect 40pin IO signals with daughter boards.

RoHS

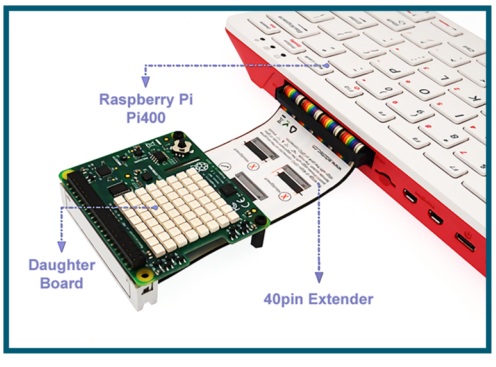
Product Description

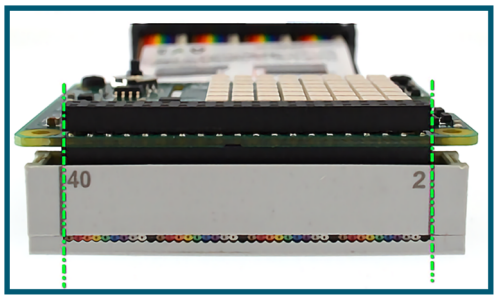
40pin GPIO Extender is a 40pin ribbon cable with 100mm length specially designed for Raspberry Pi 400, Pi 500 and Pi 500+. It is used to lead 40pin GPIO signals from Pi 400, Pi 500, Pi 500+ to a male 40pin connector, the user is very easy to connect their daughter to Pi 400, Pi 500, Pi 500+.

The 40pin black female connector with anti-reverse insertion at one end is to connect 40pin male connector at the back of Pi 400, Pi 500, Pi 500+, a 40pin grey male connector at another end are marked the pin# 1,2 & 40 and alignment mark by laser machine, those marks are used to remind the users to insert the daughter board at the right orientation and position. Wrong orientation and misalignment will cause damage of Pi 400, Pi 500, Pi 500+ and daughter board.

The ribbon cable are grey and rainbow optional. All of materials are used on the cable are RoHS Compliant.

Installation Guide





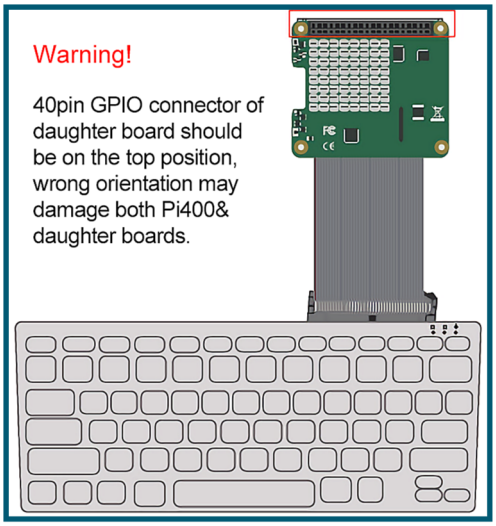
Note: The installation steps are identical for the Raspberry Pi 400, Pi 500, and Pi 500+, and areonly illustrated here using the Pi 400 as an example.

1. Insert 40pin black female connector into 40pin male connector at the back of Pi 400. If black female connector can't be inserted into Pi 400, the orientation of the black female connector is wrong, please reverse the cable and re-insert.

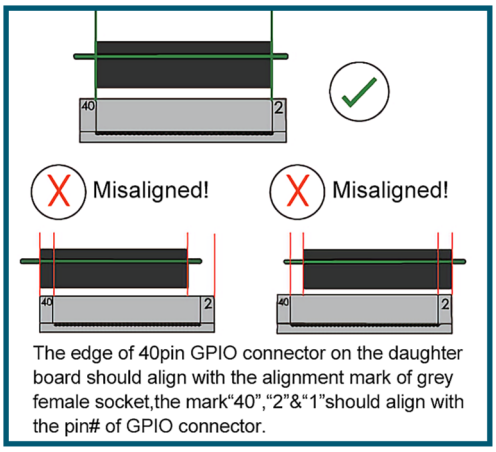
2. Align the pin# of daughter board with the mark on grey 40pin connector, make sure Pin#-1,2 & 40 on daughter is aligned with the mark-"1,2 & 40" on the grey male connector, insert the daughter board into grey connector.

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Installation Guide



3. Please double check the orientation of daughter board and position of pin#1,2 & 40 base on the below picture before power on Pi 400.



4. If everything is correct, then power up Pi 400.

Order Information

ED – Pi400EXT – G

- ED → EDATEC
- Pi400EXT → 40pin GPIO Extender for Raspberry Pi 400/Pi 500/Pi 500+
- G → G=Grey cable R=Rainbow cable

Example

Part#: ED-Pi400EXT-G
Configuration: 40pin GPIO Extender for Pi 400/Pi 500/Pi 500+, Grey cable

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FAQ:

Q: Do I need to buy 40pin GPO Extender if I buy 40pin GPO Protector?

A: No, 40pin GPO Protector has included 40pin GPO Extender.

Contact Information

If you have any technical problems, please contact:

Support: support@edatec.cn

Business releated, such as Quotation, Product Customization, please contact:

Sales: sales@edatec.cn

Web: www.edatec.cn

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