

DESCRIPTION

Nezha expansion box is a versatile expansion board for micro:bit. It is loaded with 4 servo drives, 4 motor drives, and 7 sensor expansion interfaces that are in RJ11 connectors with foolproof and anti-reversal plugging design. It is convenient for students to connect quickly and accurately in classes; the shell is also designed with Fischertechnik compatible interfaces, which have combined electronic modules with mainstream structural parts, and students can build personalized micro:bit creative programming projects themselves.

What is PlanetX?

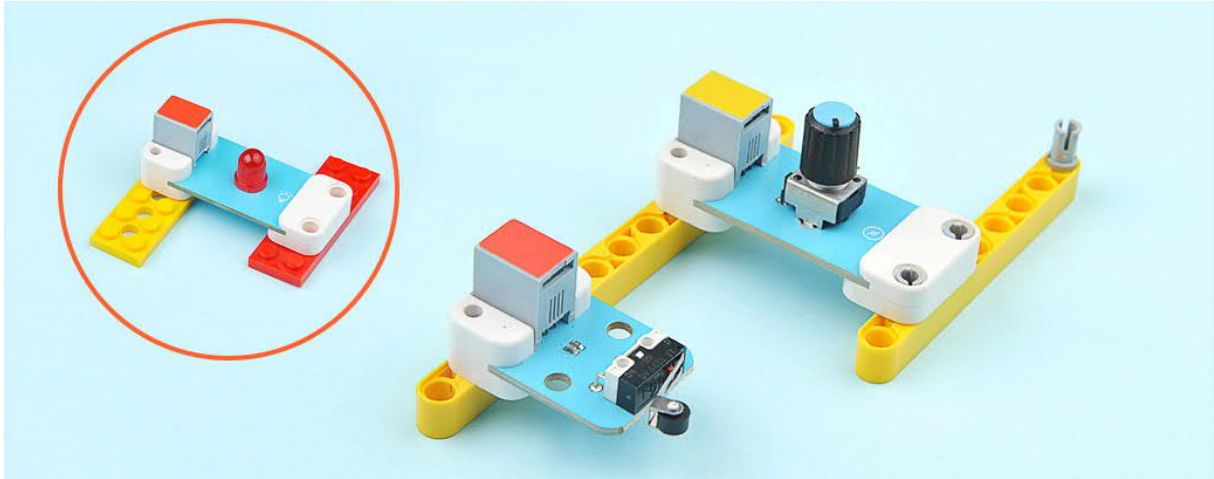
RJ11 connection diagram

Simplify the hardware connections to make the teaching much easier in classes.



Compatible to bricks

Compatible with the salient points and brick plugs, it is possible to create new projects with your ideas.



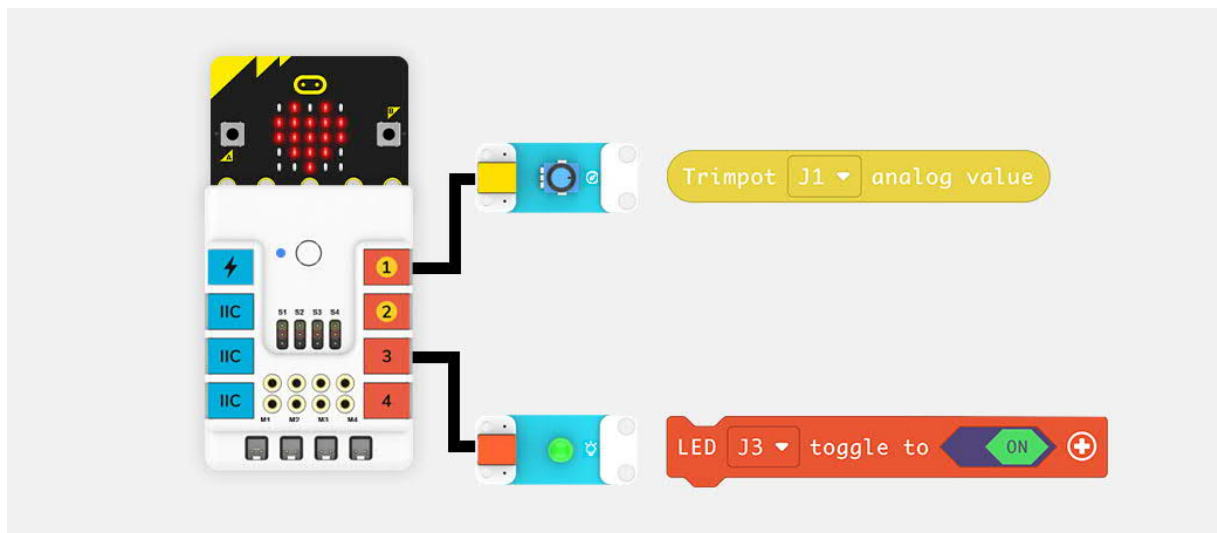
Compatible to Fischertechnik

Fischertechnik special adapter with more choices available.



Color recognition system

A Special Color recognition system identifies the ports of digital, analog, and IIC with the colored labels.



SPECIFICATIONS

Item	Parameter
Power source	Built-in Lithium Battery
Capacity	900mAh
Charging port	micro-USB
Input voltage	5V
Charging current	1A
Control board	micro:bit
Program methods	MakeCode
python	ecode

PACKING LIST

Item	Quantity
Nezha breakout board	1

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