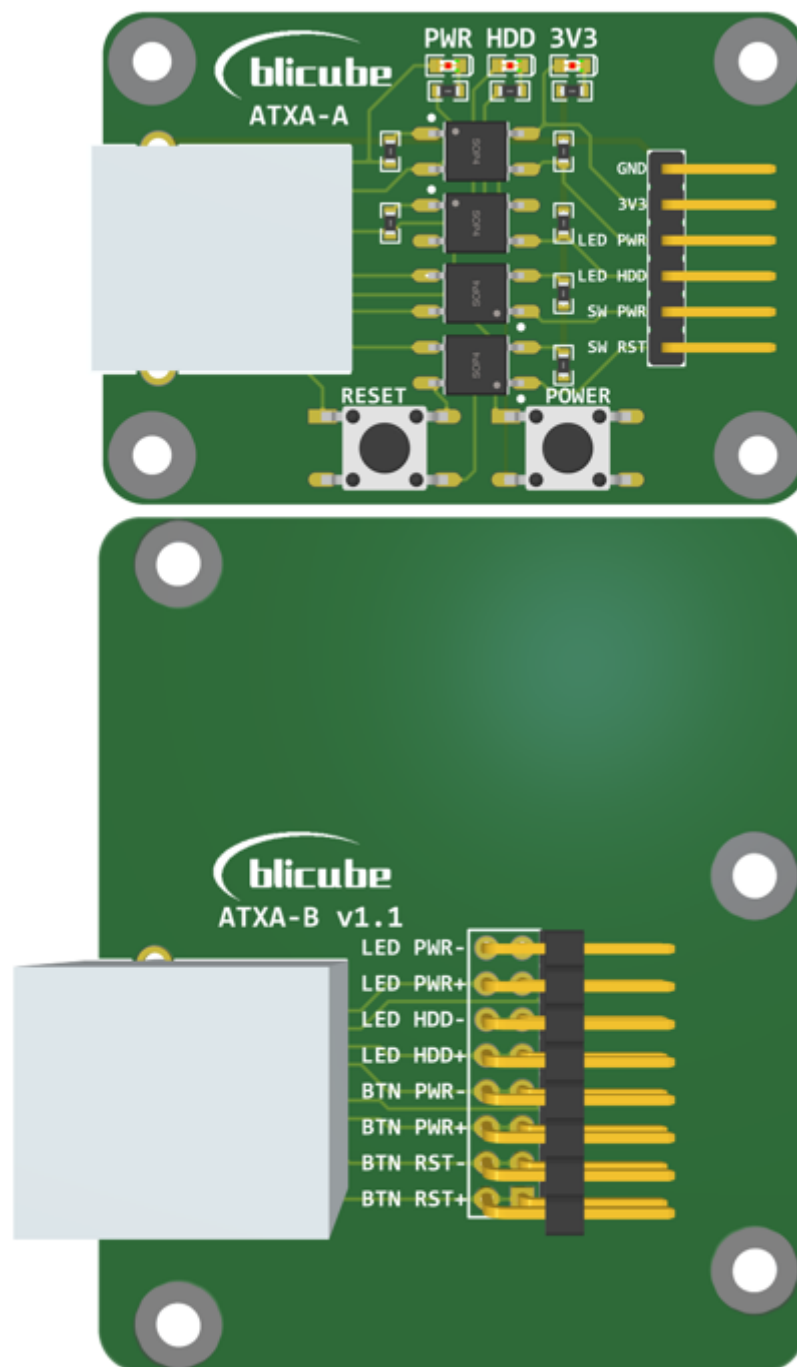


# ATXA

## 1. Introduction

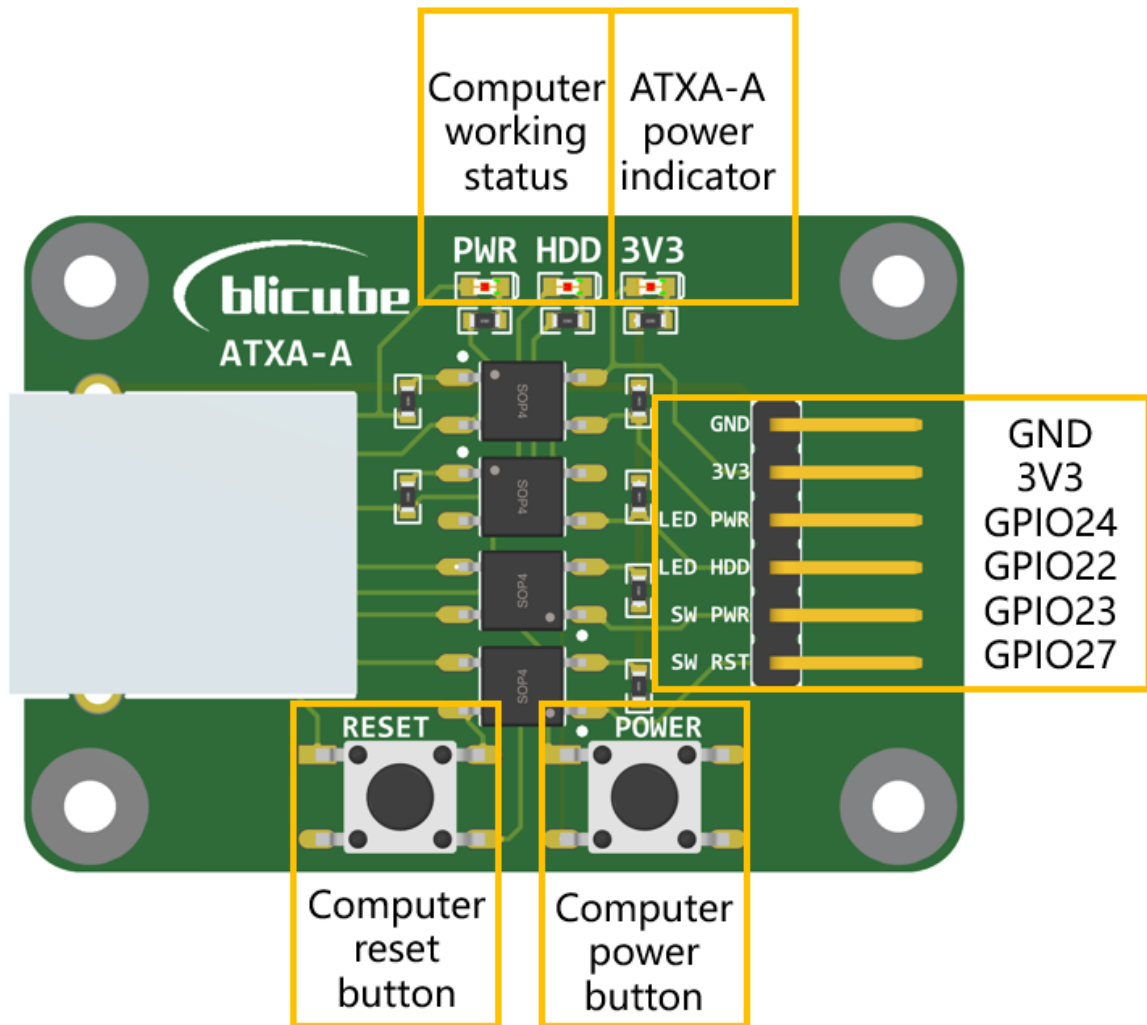


ATXA is an ATX adapter board to manage the power of your computer. The product includes two modules A-board and B-board. A-board is connected to the Raspberry Pi, B-board is connected to the computer's motherboard, and A-board is connected to B-board through a network cable.

## 2. A-board

A-board is connected to the Raspberry Pi. The following table is a typical connection method in PiKVM application.

A-board	RPI4
GND	GND
3V3	3V3
LED PWR	GPIO24
LED HDD	GPIO22
SW PWR	GPIO23
SW RST	GPIO27

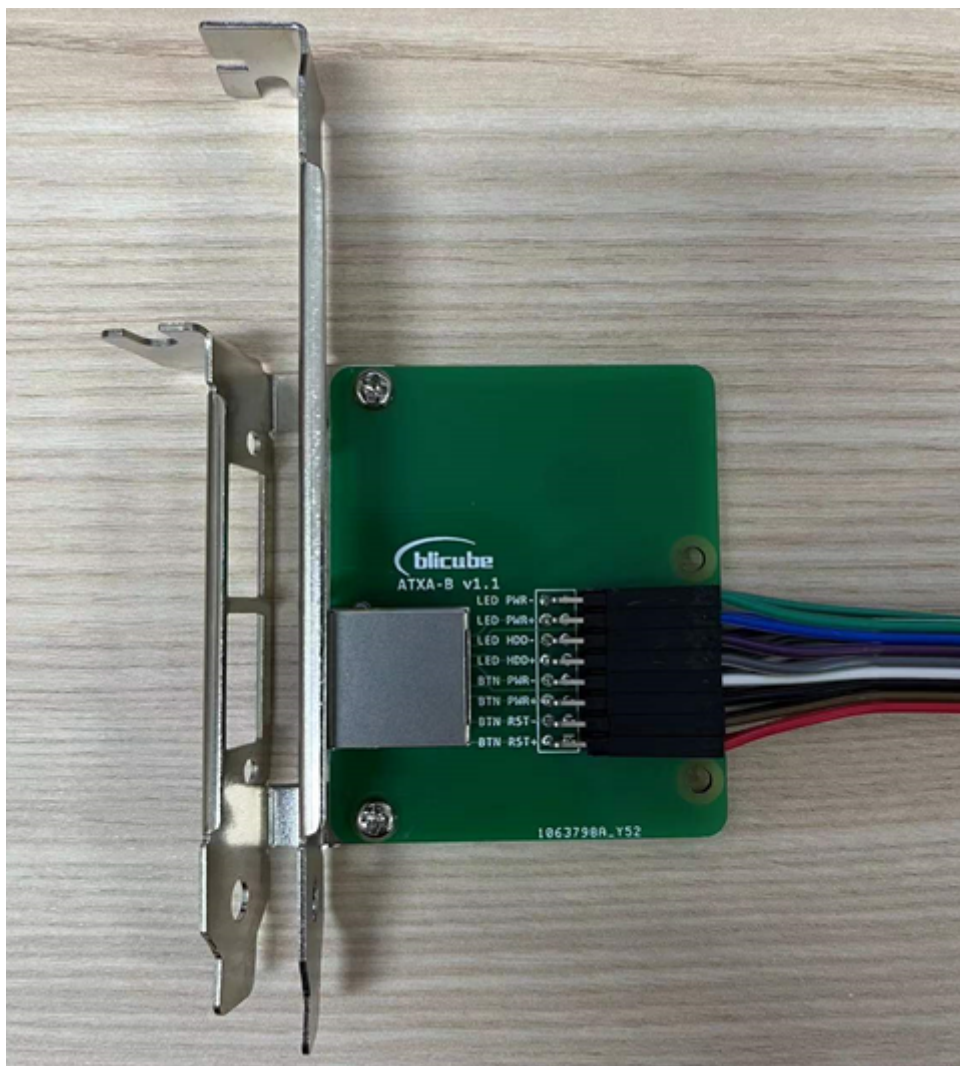


A-board is connected to B-board through a network cable. The following table is the corresponding relationship between the pin status of A-board and B-board.

Pins on A-board	Pins on B-board
LED PWR is HIGH	LED PWR+ is HIGH, LED PWR- is LOW
LED PWR is LOW	LED PWR+ is LOW, LED PWR- is LOW
LED HDD is HIGH	LED HDD+ is HIGH, LED HDD- is LOW
LED HDD is LOW	LED HDD+ is LOW, LED HDD- is LOW
SW PWR is HIGH	BTN PWR+ and BTN PWR- connected, the power button is pressed
SW PWR is LOW	BTN PWR+ and BTN PWR- disconnected, the power button is unpressed
SW RST is HIGH	BTN RST+ and BTN RST- connected, the reset button is pressed
SW RST is LOW	BTN RST+ and BTN RST- disconnected, the reset button is unpressed

### 3. B-board

The b-board has an adapted full-height and half-height metal PCI mounting plate, which can be installed on the computer case. The user connects the pins on the B-board to the ATX control interface on the computer motherboard using the color DuPont cables provided with the product.



### 3.Mechanical Diagram

