

TB-96AI_RK3399Pro SOM

Carrierboard Configuration Guide

V1.0

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V1.0	2019-06-24	Official release

Company Profile

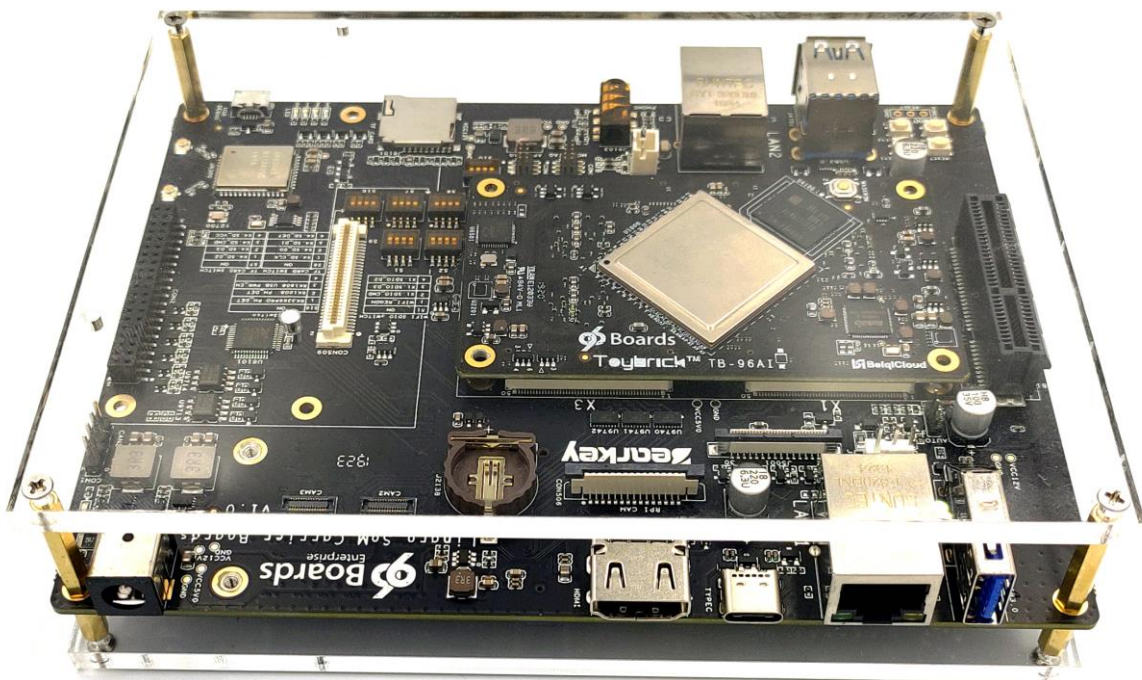
Xiamen Beiqi Technology Co., Ltd. is a national high-tech enterprise and a strategic partner of Rockchip 2018. It is also a Linaro 96Boards Compute SOM Leader Partner. The company specializes in the research and development of open source hardware and artificial intelligence products, and is committed to providing easy-to-use open source hardware and professional technical services for individuals and organizations.

Contact us

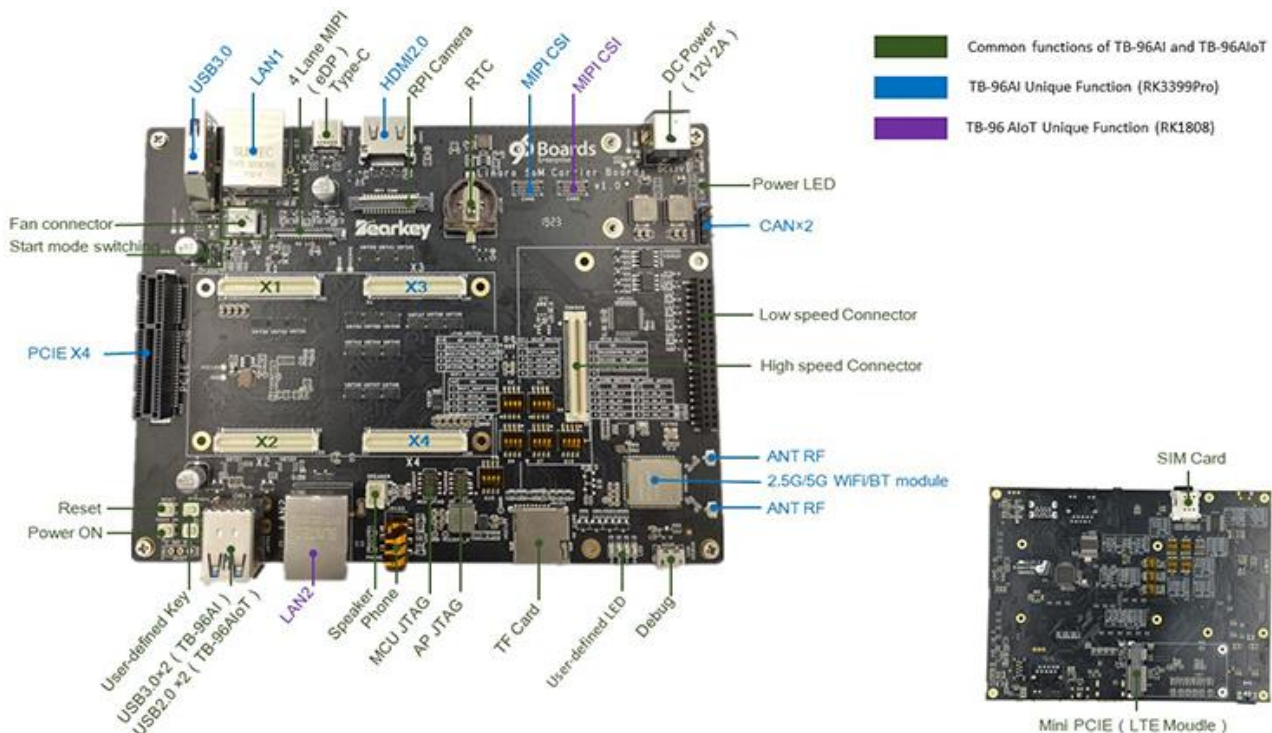
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Carrierboard Configuration Guide (for TB-96AI RK3399Pro SOM)

The following figure shows the use of TB-96AI RK3399Pro SOM on the Carrier board.



The following figure shows the interfaces on the board that can be provided to TB-96AI RK3399Pro SOM



>>Download firmware

Connect the TYPEC to PC.

Long press and hold the Maskrom button as shown in the following figure.

Insert power supply.

>>Interface use

SOM connector: Use all of the X1,X2,X3,X4

LAN: Only can use the Ethernet1

Camera: can use CAM2 connector and RPi Camera.

Wifi: Use the WIFI module on Carrier board

HDMI: HDMI2.0

PCIE: Only use the PCIE1(Different SOM hardware required)

USB: Use all of the three USB3.0

The TF card,debug usb,power key,reset key,user key,user leds,DC Jacket,Audio Jacket are common connector.

>>Switch

The switches for TB-96AI are configured as follows

All switch on S8,S9,S10,S11,S12,S14,S15, configure to disconnect.

All switch on S6,S7 config to connect for TF card.

Bit1 on S16 config to connect for audio jacket

Bit1 on S16 config to connect for audio jacket

Bit1,bit2,bit3 on S3 config to connect for WIFI and BT.

