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Thundercomm TurboX D660 (Pro) Development Kit

Quick Start Guide
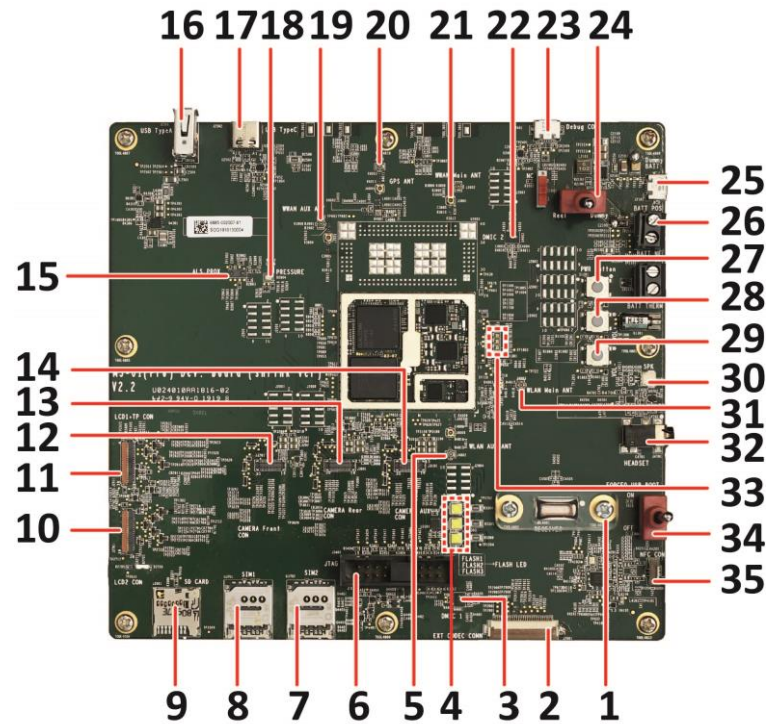
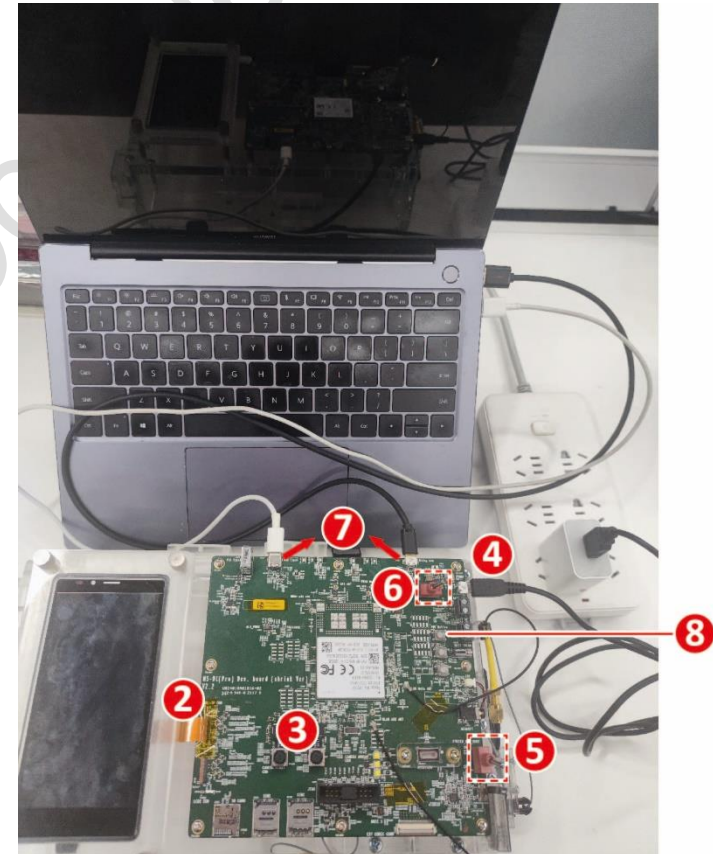# Development Kit

Interface List

1. Internal codec (PM660L) receiver	13.Camera connector 2	25.Micro USB connector
2. External codec connector	14.Camera connector 3	26.Battery plus-n-minus connector
3. Digital microphone array 1	15.Light/proximity sensor	27.Power button
4. Camera flash LED	16.Type-A USB 2.0 connector	28.Volume up button
5. Wi-Fi auxiliary antenna slot	17.Type-C USB 3.1 connector	29.Volume down button
6. SOM JTAG connector	18.Pressure sensor	30.Speaker connector
7. SIM card slot 1	19.WWAN auxiliary antenna slot	31.Wi-Fi/BT main antenna slot
8. SIM card slot 2	20.GPS antenna slot	32.Headset connector
9. SD card slot	21.WWAN main antenna slot	33.User LEDs
10.LCD/TP connector	22.Digital microphone array 2	34.Forced_USB_Boot switch
11.LCD connector	23.UART debug connector	35.NFC connector
12.Camera connector 1	24.Real/dummy battery switch	-

Let's Get Started

Follow the steps below to boot up your device.

1. Take out D660 (Pro) Development Kit board carefully from the package.

2. Connect the LCD to the board via **LCD connector** (connector 11).

3. Connect the camera modules to the board via

   • **Camera connector 1** (connector 12): default front camera.
   • **Camera connector 2** (connector 13): default rear camera.

4. Connect the power adapter to the board assembly via **Micro USB connector** (connector 25).

5. Toggle **Forced_USB_Boot switch** (connector 34) to: OFF.

6. Toggle **Real/dummy battery switch** (connector 24) to: Dummy.

7. Connect the board assembly to a computer via

   • **Type-C USB 3.1 connector** (connector 17) if **adb** tool is needed.
   • **UART debug connector** (connector 23) if debug function is needed.

8. Long press **Power button** (connector 27) to boot up the device.

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