



Thundercomm TurboX CT4490-CN Development Kit

Quick Start Guide

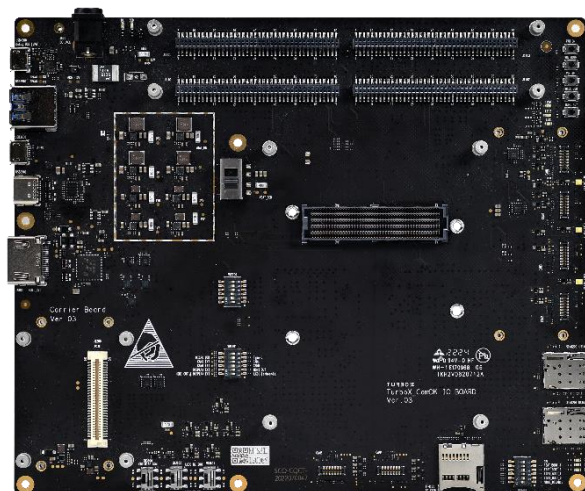
Rev. V1.0

DN: tc-T-2110

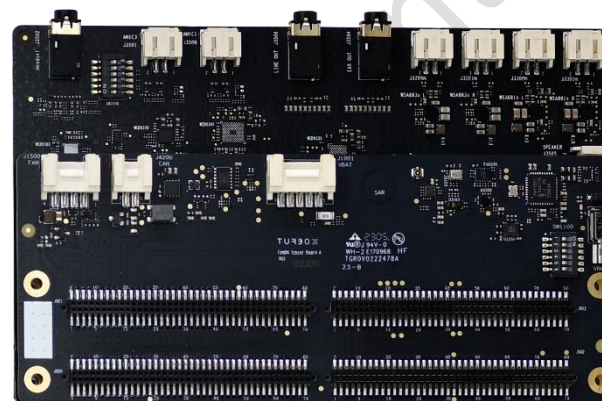
Package List



CT4490-CN Interposer Board



Main Board



Audio Board + Sensor Board



LCD Touch Panel*



Antenna (x 8)



Camera Module



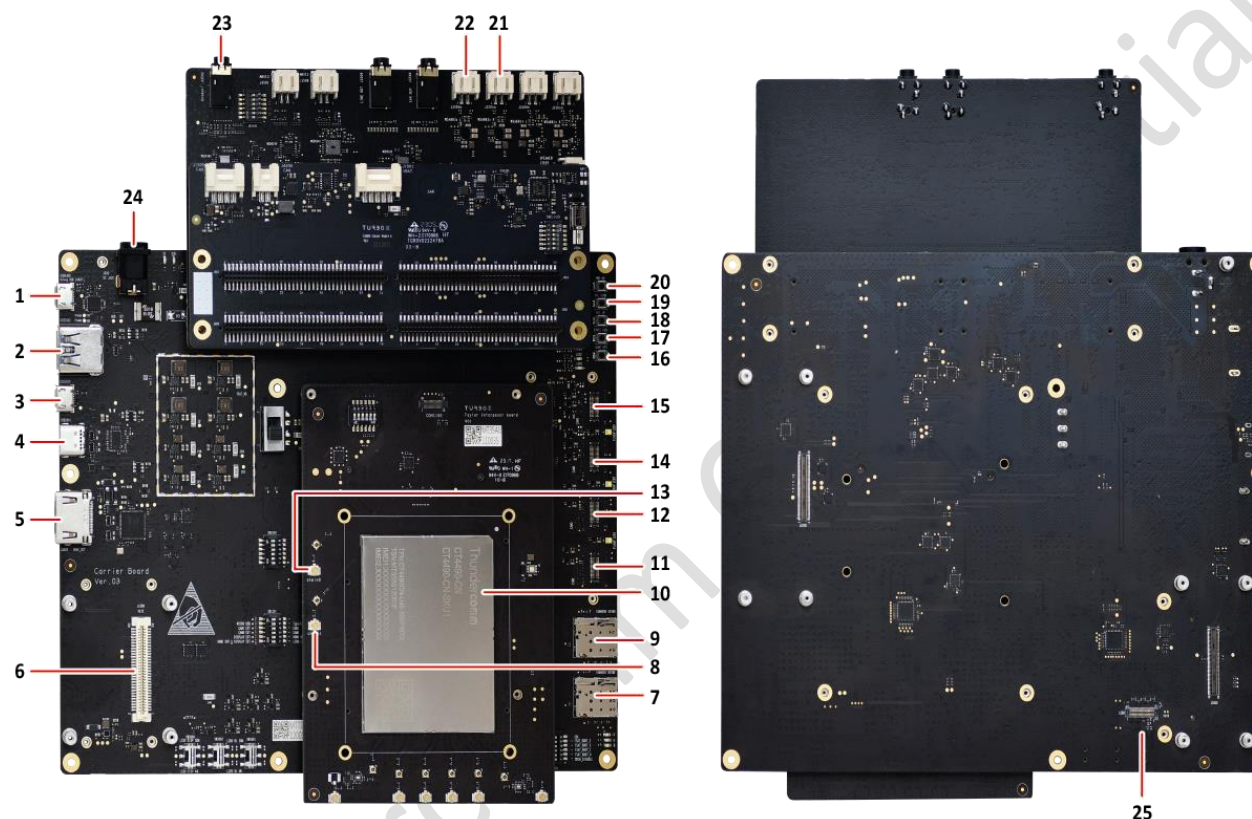
Power Adapter



Speaker (x 2)

***NOTE:** All parts are included in advanced DK package. Parts marked * are not included in standard DK package.

Interface List



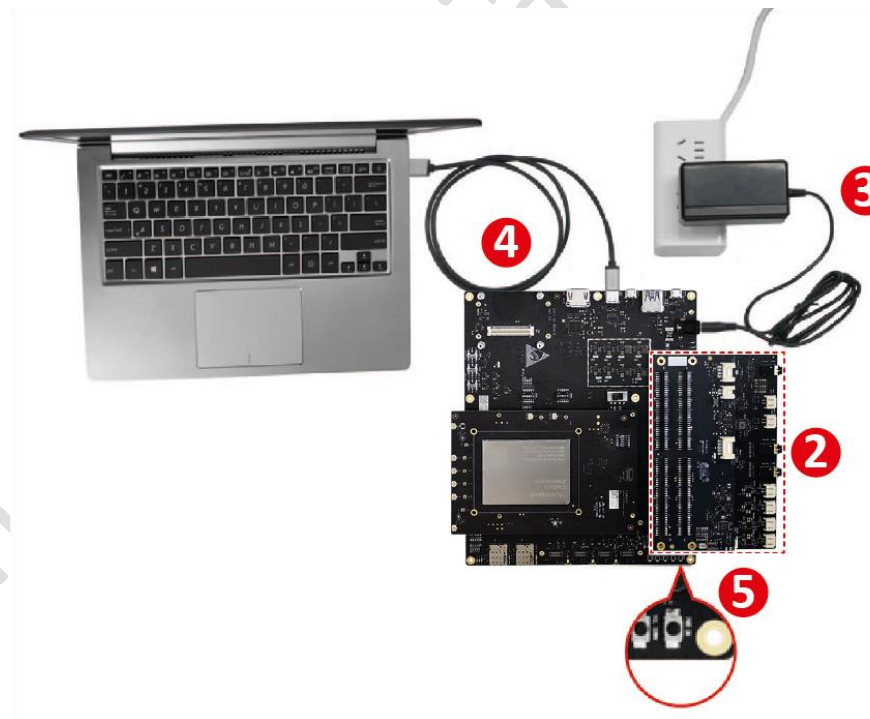
1. Micro USB connector (for UART debug)	8. Wi-Fi/BT/GPS antenna slot 2	15. Camera module connector 1	22. Speaker connector 1
2. Type-A USB connector*	9. SIM card slot 1	16. Ethernet connector	23. Handset connector
3. Micro USB connector	10. SOM plate	17. Force USB Boot button	24. 12V DC in jack
4. Type-C USB connector	11. Camera module connector 2	18. Volume up button	25. DisplayPanel connector
5. HDMI OUT connector	12. Camera module connector 3	19. Volume down button	-
6. PCIe connector	13. Wi-Fi/BT/GPS antenna slot 1	20. Power on button	-
7. SIM card slot 2	14. Camera module connector 0	21. Speaker connector 2	-

* Currently unavailable on CT4490-CN.

Let's Get Started

Follow the steps below to boot up your device.

1. Remove CT4490-CN DK board and module carefully from the package.
2. Connect the Sensor Board and Audio Board to the Main Board.
3. Connect the power adapter to the board via **12V DC in jack** (connector 24).
4. Connect the board assembly to a computer via
 - **Type-C USB connector** (connector 4) if **adb** tool is needed.
 - **Micro USB connector (for UART debug)** (connector 1) if debug function is needed.
5. Long-press **Power on button** (connector 20) to boot up the device.



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