



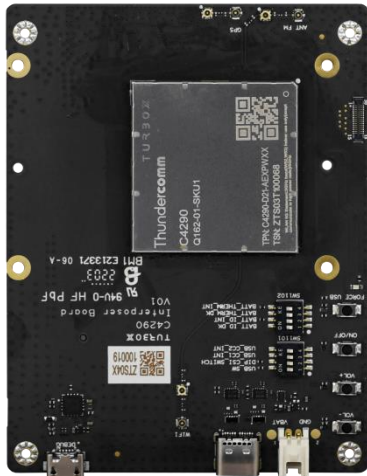
Thundercomm TurboX C4290 CM4290 Development Kit

Quick Start Guide

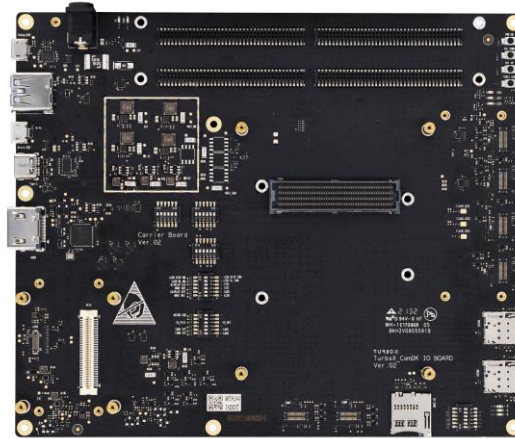
Rev. V1.0

DN: tc-l-2110

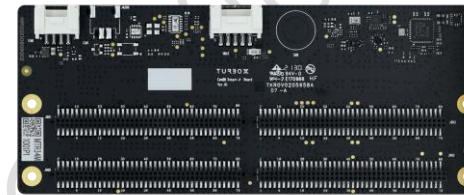
Package List



Interposer Board
(with C4290/CM4290 SOM)



Main IO Board



Sensor Board



Power Adapter



Wi-Fi/BT Antenna



GPS Antenna



Cellular Antenna (x2) ¹⁾



Camera Module



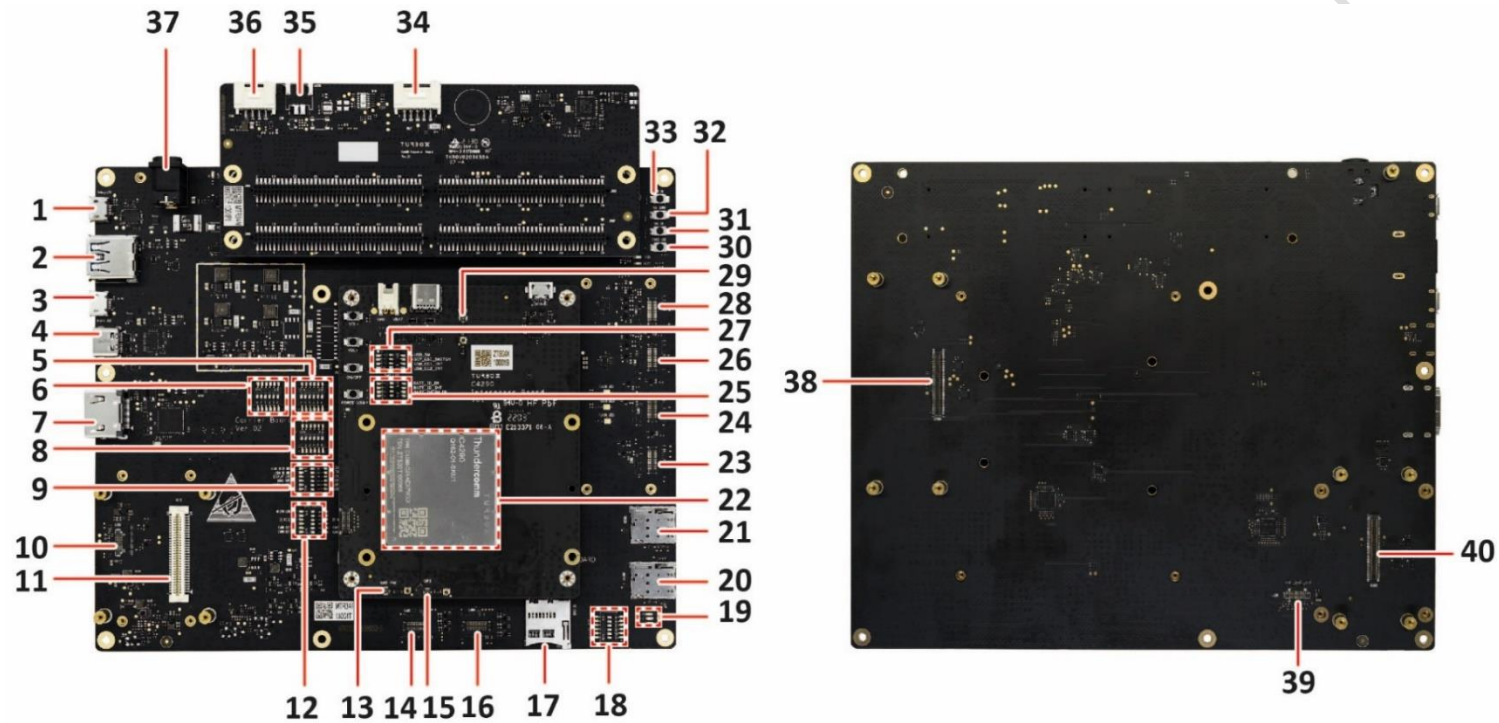
LCD Touch Panel ²⁾

Audio board ³⁾

NOTE:

- 1) Available on CM4290 only.
- 2) All the listed parts are included in advanced DK package. LCD Touch Panel is not included in standard DK package.
- 3) Photo of the Audio Board will be provided in the next version.

Interface List



1. UART debug connector	11.PCIE connector *	21.SIM card slot 1 **	31.Volume up button
2. USB 3.1 Type-A connector	12.SW 1300	22.SOM plate	32.Volume down button
3. Micro USB connector	13.FM antenna connector	23.Camera connector 2	33.Power on button
4. USB 3.1 Type-C connector	14.Camera connector 5 *	24.Camera connector 3 *	34.Battery connector
5. SW 2100	15.GPS antenna connector	25.SW 1102	35.CAN connector *
6. SW 2200	16.Camera connector 4 *	26.Camera connector 0	36.Fan connector
7. HDMI out connector	17.SD card slot	27.SW 1101	37.12V DC in jack
8. SW 2101	18.Switch *	28.Camera connector 1	38.CSI signal connector
9. SW 1301	19.RGB LED	29.Wi-Fi antenna slot	39.LCD connector
10. LCD connector 1 *	20.SIM card slot 2 **	30.Force USB boot button	40.External display connector

NOTE:

* Unavailable on C4290/CM4290.

** Unavailable on C4290.

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