

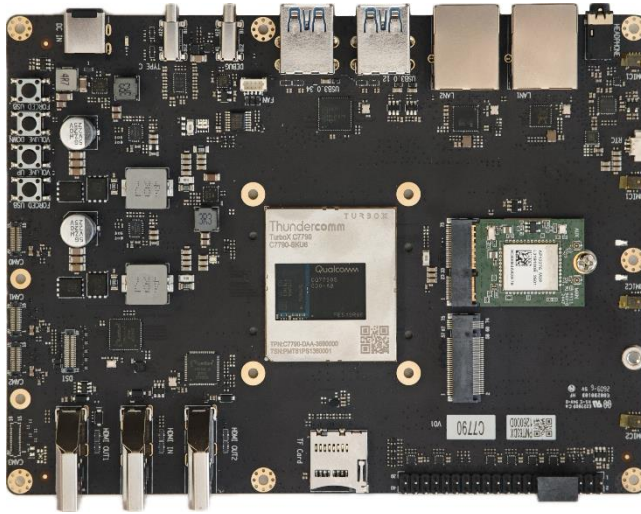
Thundercomm TurboX C7790 Development Kit

## **Quick Start Guide**

Rev. V1.0

DN: tc-ac-2110

## Package List



C7790 Development Kit



USB 3.0 cable A to C



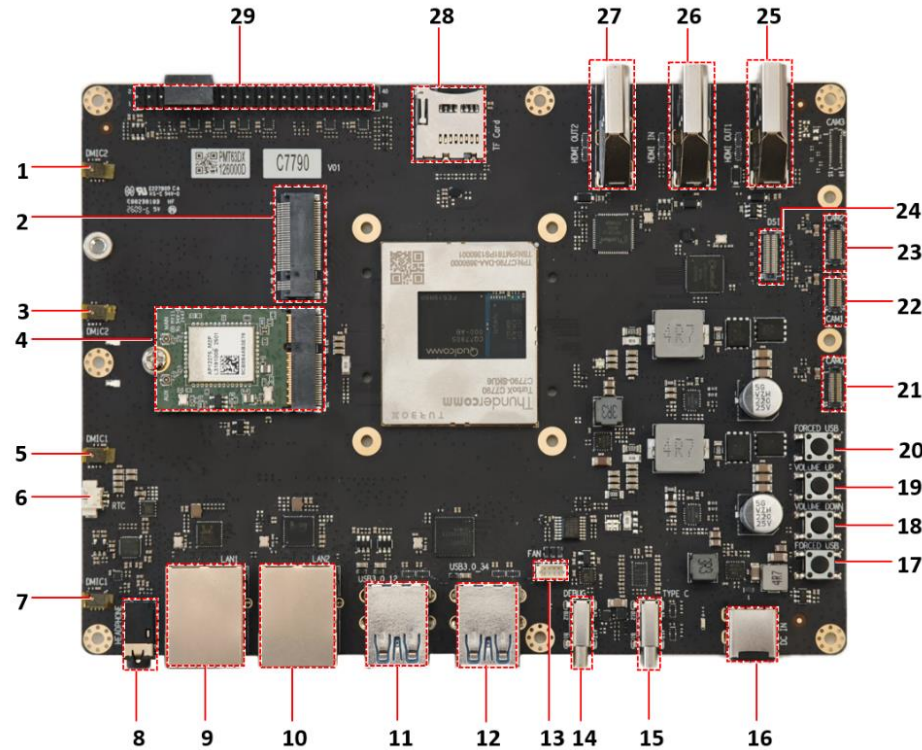
Power Adapter (except Japan)\*



Camera Module

\* Due to PSE regulations, there is no inbox adapter for the products sold to Japan. Please contact your distributor if you have any needs.  
Voltage input to DK: typical 12V. Power adapter:  $\geq 2A$ . DC in jack size: 2.5mm x 5.5mm (inner diameter x outer diameter).

# Interface List



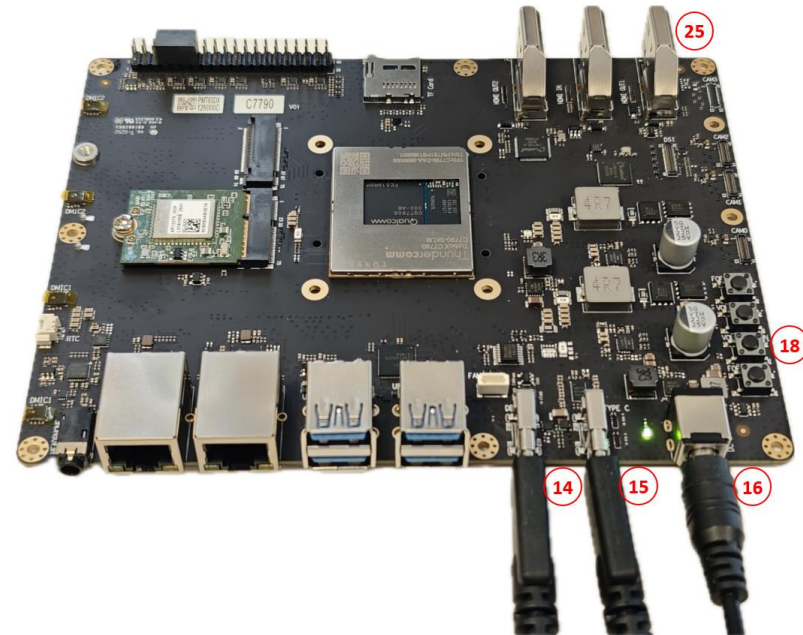
1. Built-in DMIC2	11. 2 x USB 3.0 Type-A connector	21. Camera module connector 0
2. M.2 connector Key M	12. 2 x USB 3.0 Type-A connector	22. Camera module connector 1
3. Built-in DMIC2	13. Fan connector	23. Camera module connector 2
4. Wi-Fi module	14. USB 3.1 Type-C connector for UART debug	24. DSI connector
5. Built-in DMIC1	15. USB 3.1 Type-C connector	25. HDMI OUT1 connector
6. RTC connector	16. DC IN Jack	26. HDMI IN connector
7. Built-in DMIC1	17. FORCE_USB boot button	27. HDMI OUT2 connector
8. Headphone	18. POWER ON button*	28. TF card slot
9. 1 x RJ 45	19. VOLUME UP button	29. 40-pin connector
10. 1 x RJ 45	20. VOLUME DOWN button*	

\* The printed functions on the DK differ from the table. Please follow the functions described in the table.

## Let's Get Started

Follow the steps below to boot up your device.

1. Connect the power adapter to the board assembly via **DC in jack** (connector 16).
2. Connect the board assembly to a computer via
  - **USB 3.1 Type-C connector** (connector 15) if **adb** tool is needed.
  - **USB 3.1 Type-C connector (for UART debug)** (connector 14) if debug function is needed.
3. Connect the board to a monitor via **HDMI OUT connector** (connector 25).
4. Press **Power on button** (connector 18) to boot up the device.



## Contact us

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