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Thundercomm TurboX T62G-EA Development Kit

Quick Start Guide

Rev. V1.0.3
DN: tc-q2-2110.3

Package List

T62G-EA DK Board
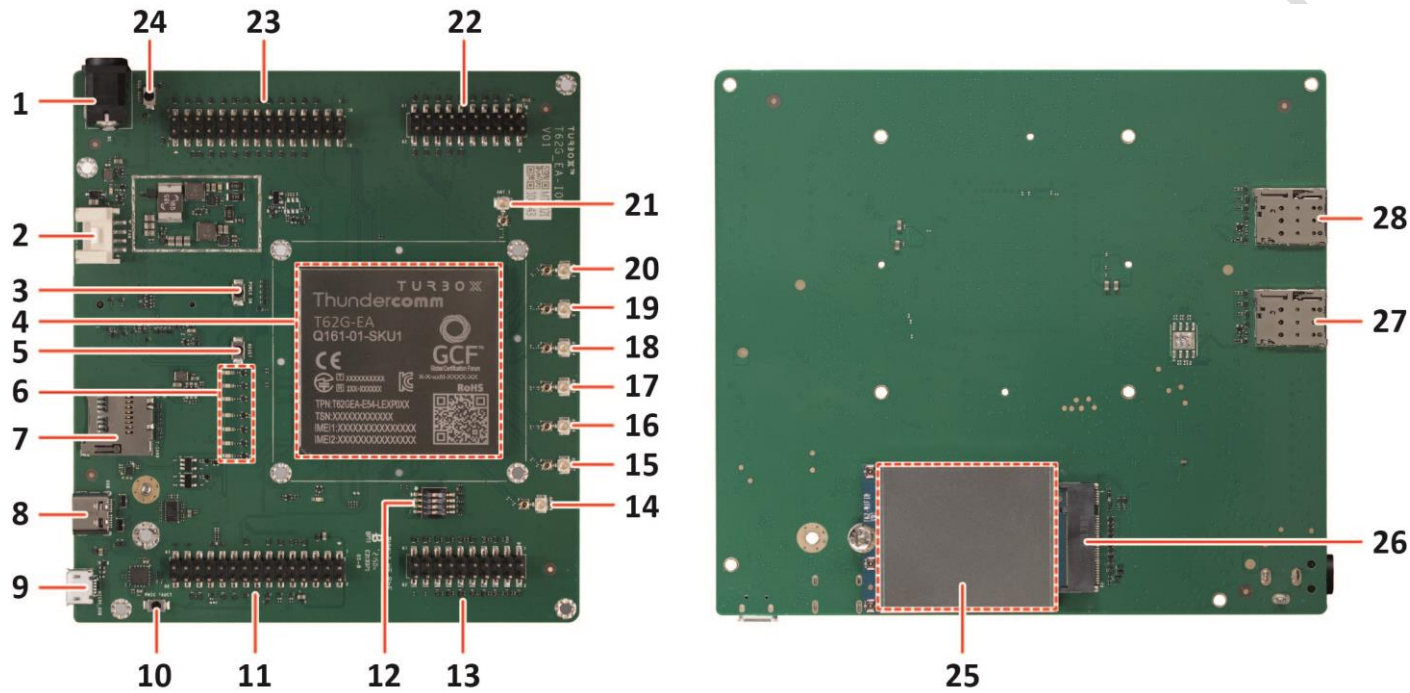(With T62G-EA SOM)

Power Adapter (except Japan)[1]

Cellular Antenna (x8)

⮧NOTE:

(1). 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: ≥ 2A. DC in jack size: 2.5mm x 5.5mm (inner diameter x outer diameter).
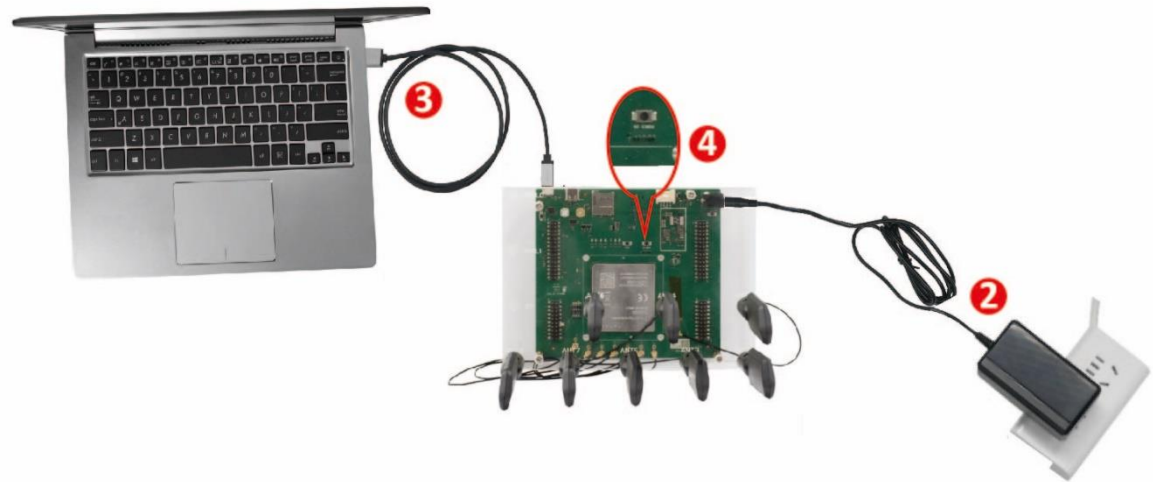
Interface List

1. DC in jack	8. USB 3.1 Type-C connector	15. WWAN antenna connector 7	22. WCD connector
2. LGA fan connector	9. UART debug connector	16. WWAN antenna connector 6	23. GPIO connector
3. Power on button	10. PMIC fault button	17. WWAN antenna connector 5	24. Force USB boot button
4. SOM plate	11. PMB connector	18. WWAN antenna connector 4	25. WCN6856 M.2 Wi-Fi module*
5. Reset button	12. Boot config switch	19. WWAN antenna connector 3	26. M.2 factor connector
6. LEDs	13. LGA EBI connector	20. WWAN antenna connector 2	27. SIM card slot 1
7. Micro SD card slot	14. WWAN antenna connector 8	21. WWAN antenna connector 1	28. SIM card slot 2

* Optional

Let's Get Started

Follow the steps below to boot up your device.

1. Remove T62G-EA DK board carefully from the package.

2. Connect the power adapter to the board via **12V DC in jack** (connector 1).

3. Connect the board to a computer via **UART debug connector** (connector 9).

 ➲ **NOTE: UART debug connector** (connector 9), as a debug interface, can be connected if the debug function is needed.

4. Press **Reset button** (connector 5) for 2s to boot up the device.

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