Thundercomm Turbox™ C6125/CM6125 Development Kit

Quick Start Guide
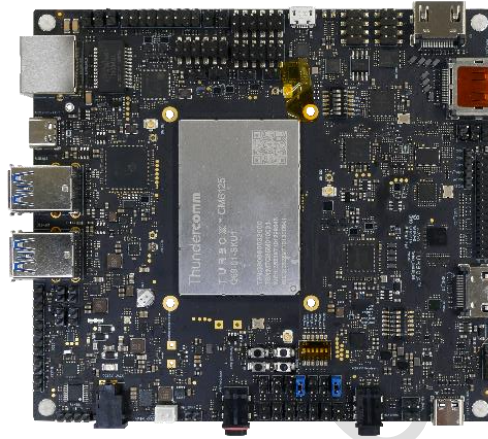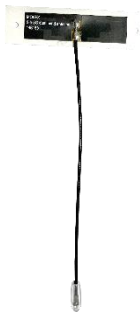
Package List

Power Adapter

DK Board
(With C6125/CM6125 SOM)

Camera Module
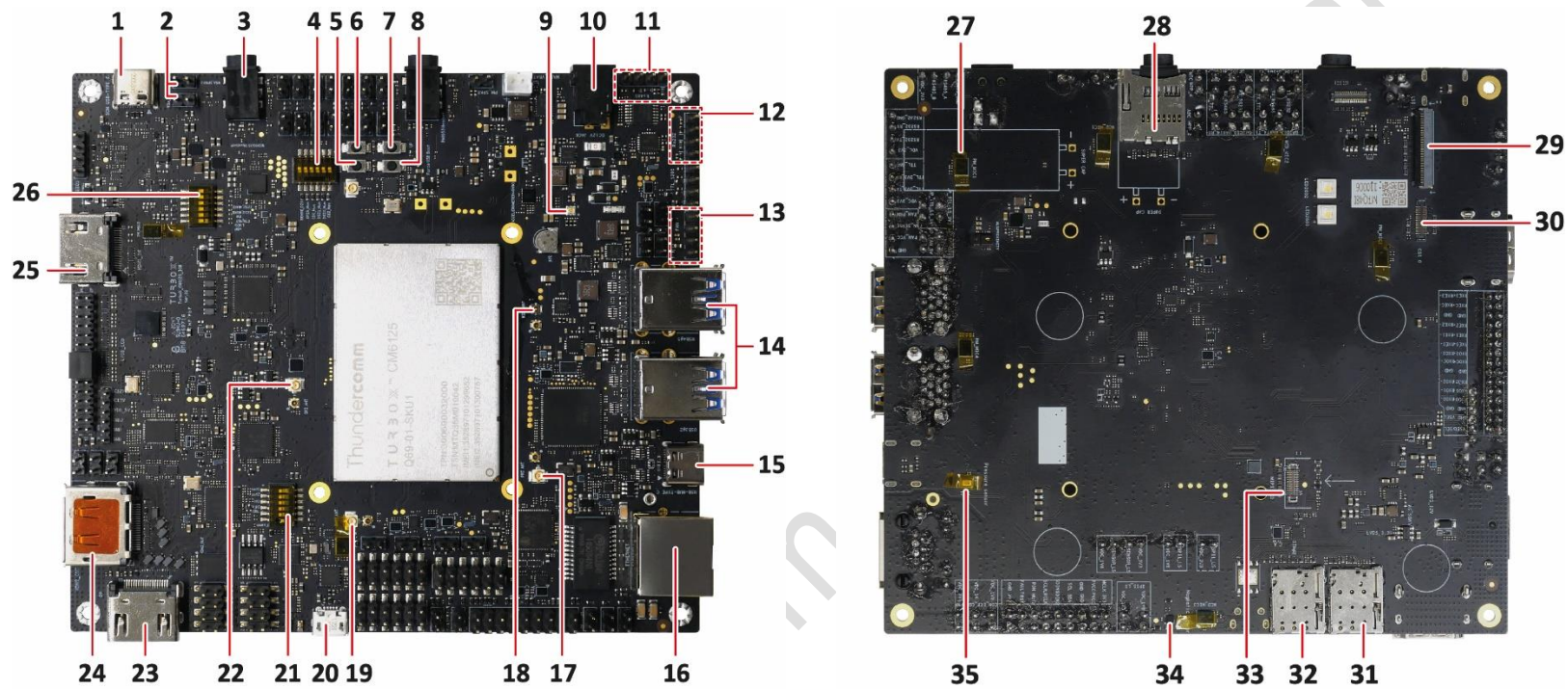

Wi-Fi/BT Antenna

GNSS Antenna *

Cellular Antenna (x2) *

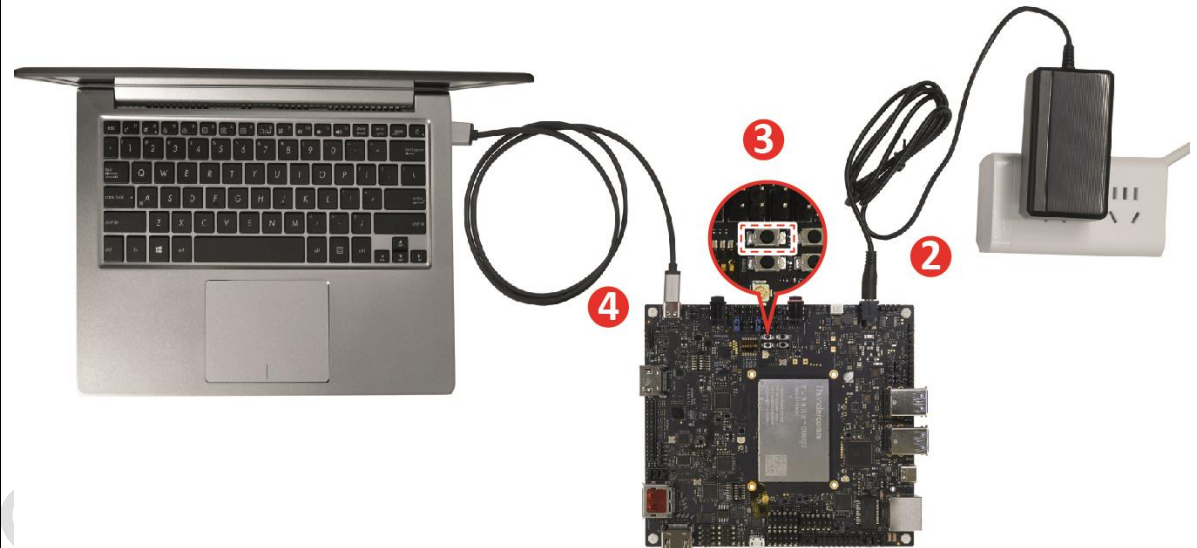➲ **NOTE:** Parts marked * are included in CM6125 DK package only.

Interface List

1. Type-C USB 3.1 connector 1 (for adb debug)	13. Fan connector	25. HDMI in connector
2. Speaker connector	14. Type-A USB 3.1 connector	26. Switch 2
3. Headset connector	15. Type-C USB 3.1 connector 2	27. Integrated microphone
4. Switch 1	16. Gb Ethernet connector (RJ45)	28. SD card slot
5. Volume down button	17. Primary antenna slot	29. Camera module connector 2
6. Power button	18. Wi-Fi antenna slot	30. Camera module connector 1
7. Volume up button	19. GPS signal-receiving antenna slot	31. SIM card slot 1
8. Force_USB_Boot button	20. Micro USB connector (for UART debug)	32. SIM card slot 2
9. LEDs	21. Switch 3	33. MIPI LCD touch panel connector
10. Power input connector	22. Diversity antenna slot	34. Magnetometer sensor
11. Rs485 connector	23. HDMI out connector	35. Barometer sensor
12. Rs232 connector	24. DisplayPort connector	

Let's Get Started

Follow the steps below to boot up your device.

1. Remove C6125/CM6125 DK board carefully from the package.

2. Connect the power adapter to the board assembly via **power input connector** (connector 10).

3. Press the power button (connector 6).

4. Connect the board to the Type-A USB connector of a computer via

   - **Type-C USB 3.1 connector** (connector 1) if adb tool, supported by Android operating system, is needed.

   - **Micro USB connector** (connector 20) if serial port log is needed.

5. Wait for a while and the device will boot up automatically.

6. Enter `$ adb devices` and the device boots up successfully if the device is detected in the device list.

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