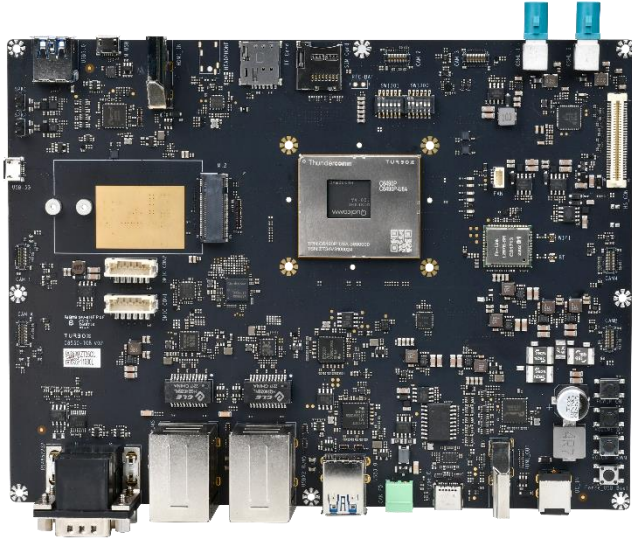




TurboX C6490P DK Quick Start Guide

Quick Start Guide

Package List



C6490P Development Kit



USB 3.0 Cable A to C



Power Adapter



Camera Module

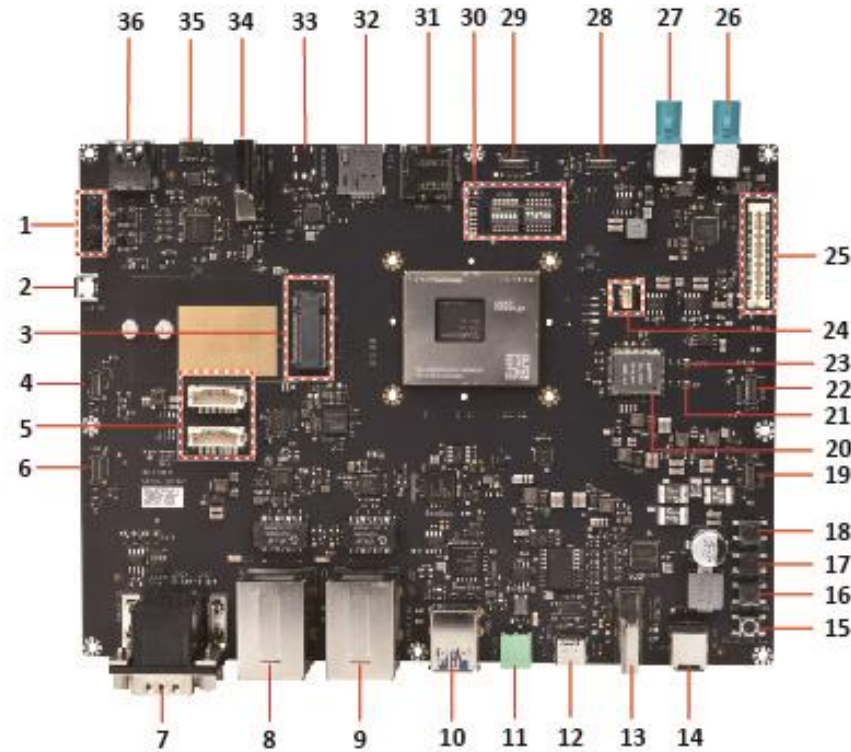


Speaker (x 1)



Wi-Fi/BT Antenna (x 2)

Interface List



1. Speaker connector (only one is supported on C6490P DK)	13. HDMI OUT connector	25. High speed signal connector
2. Micro USB for M.2 connector (5G module and SSD supported)	14. DC in jack	26. GMSL connector 2
3. M.2 connector B-KEY	15. Force USB Boot button	27. GMSL connector 1
4. Camera module connector 1	16. Volume down button	28. Camera module connector 3
5. DMIC connector (Up to 6 x DMICs supported)	17. Volume up button	29. Camera module connector 2
6. NA	18. Power on button	30. DIP switch x 2
7. DB9 connector x 2 (for RS232 and RS485)	19. NA	31. NA
8. 1 x RJ 45 + 2 x USB 3.0 Type-A connector	20. SDIO Wi-Fi module	32. SIM card slot
9. 1 x RJ 45 + 2 x USB 3.0 Type-A connector	21. BT antenna connector	33. Headphone connector
10. USB 3.0 Type-A connector	22. Camera module connector 4	34. HDMI IN connector
11. CAN connector	23. Wi-Fi antenna connector	35. Micro USB connector for UART debug
12. USB 3.1 Type-C connector	24. Fan connector	36. USB 3.0 Type-A connector

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 14).
2. Connect the board assembly to a computer via
 - **USB 3.1 Type-C connector** (connector 12) if **adb** tool is needed.
 - **Micro USB connector (for UART debug)** (connector 35) if debug function is needed.
3. Connect the board to a monitor via **HDMI OUT connector** (connector 13).
4. Set the **DIP switch** (connector 30).
 - **SW1301**: Toggle all bits to OFF.
 - **SW1300**:
 - Bit 1~2: ON
 - Bit 3 ~6: OFF
5. Press **Power on button** (connector 18) to boot up the device.



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