

Thundercomm M12M TurboX Development Kit



# Thundercomm M12M TurboX Development Kit User Guide

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Thundercomm

Thundercomm M12M TurboX Development Kit



## Specifications

- Product Name: Thundercomm TurboX M12M Development Kit
- Model: M12M
- Revision: V1.0 DN: tc-C3-2110
- Package List:
  - M12M Main IO Board (Top View)
  - M12M Main IO Board (Bottom View)
  - Cellular/GPS Antenna (x 2)
- **Interface List:**
  - SIM card slot 2
  - SIM card slot 1
  - M.2 connector
  - USB Type-C connector
  - Power switch
  - Power LED
  - Auxiliary/GPS antenna connector
  - M12M SOM
  - Main antenna connector

## Product Usage Instructions

1. Remove the M12M DK board and module carefully from the package.
2. Connect antennas to the board LTE and GPS via the Main antenna connector (connector 8) and Auxiliary/GPS

antenna connector (connector 6).

3. Insert the M12M SOM Module into the M.2 connector (connector 3).
4. Connect the board to a PC via the USB Type-C connector (connector 4) with a USB Type-C cable to power on the board.

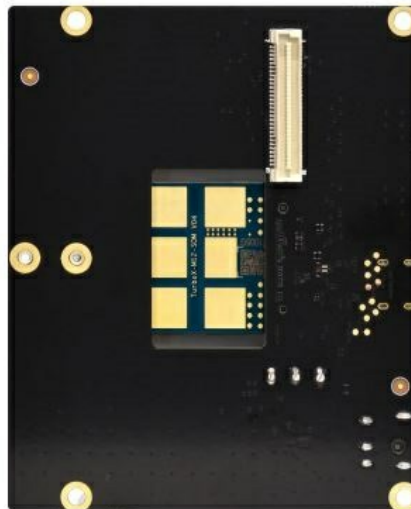
## FAQ

- **Q: How do I power on the Thundercomm TurboX M12M Development Kit?**
  - A: To power on the kit, connect it to a PC using the provided USB Type-C cable.
- **Q: Where can I find software and documentation downloads for the Thundercomm TurboX M12M Development Kit?**
  - A: You can download software and documentation from [www.thundercomm.com](http://www.thundercomm.com).
- **Q: How many antennas are included in the package?**
  - A: The package includes two Cellular/GPS antennas.
- **Q: What is the address for contacting support?**
  - A: You can contact support via email at [service@thundercomm.com](mailto:service@thundercomm.com) or visit the address: 1601 McCarthy Blvd Suite R-12 Milpitas CA,95035.

## Package List



M12M Main IO Board  
(Top View)

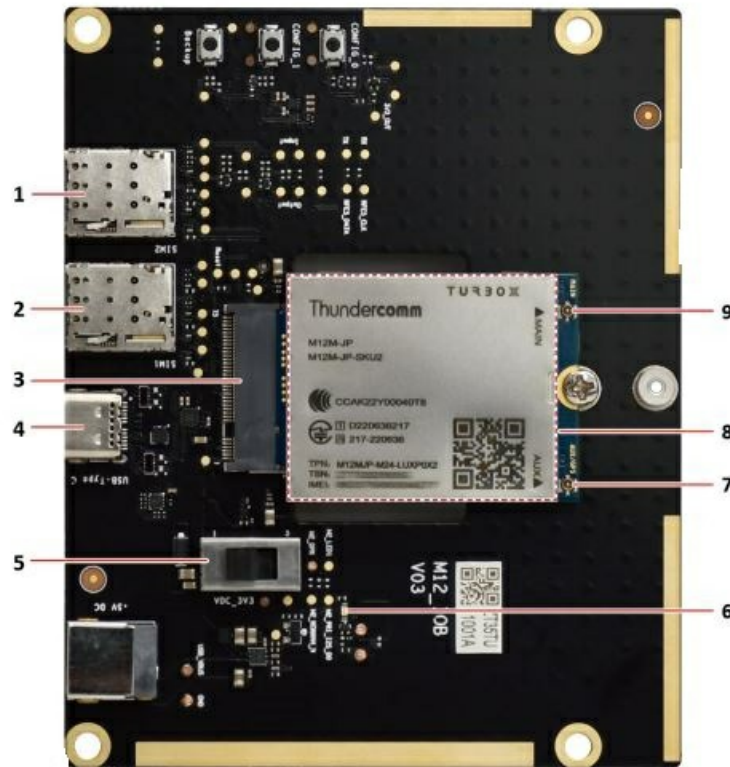


M12M Main IO Board  
(Bottom View)



Cellular/GPS Antenna (x 2)

## Interface List



- 2. SIM card slot 2
- 5. Power LED
- 3. SIM card slot 1
- 6. Auxiliary/GPS antenna connector
- 4. M.2 connector
- 7. M12M SOM
- 5. USB Type-C connector
- 8. Main antenna connector
- 6. Power switch

## Let's Get Started

Follow the steps below to boot up your device.

1. Remove M12M DK board and module carefully from the package.
2. Connect antennas to the board LTE and GPS via the Main antenna connector (connector 8) and Auxiliary/GPS antenna connector (connector 6).
3. Insert M12M SOM Module to M.2 connector (connector 3).
4. Connect the board to PC via the USB Type-C connector (connector 4) with a USB Type-C cable to power on the board

## Contact

- Email: [service@thundercomm.com](mailto:service@thundercomm.com)
- Address: 1601 McCarthy Blvd Suite R-12 Milpitas CA,95035
- Support software and documentation downloads: [www.thundercomm.com](http://www.thundercomm.com)

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M12M TurboX Development Kit, M12M, TurboX Development Kit, Development Kit

## References

- [TC Thundercomm - World leading IoT product and solution provider](#)
- [TC Thundercomm - World leading IoT product and solution provider](#)
- [User Manual](#)

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