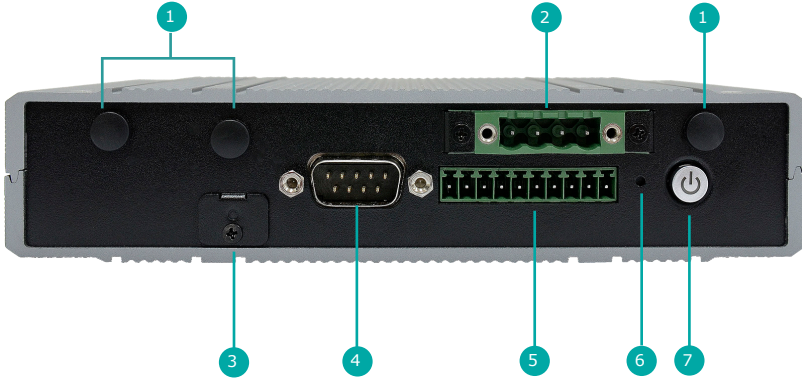




Package Contents

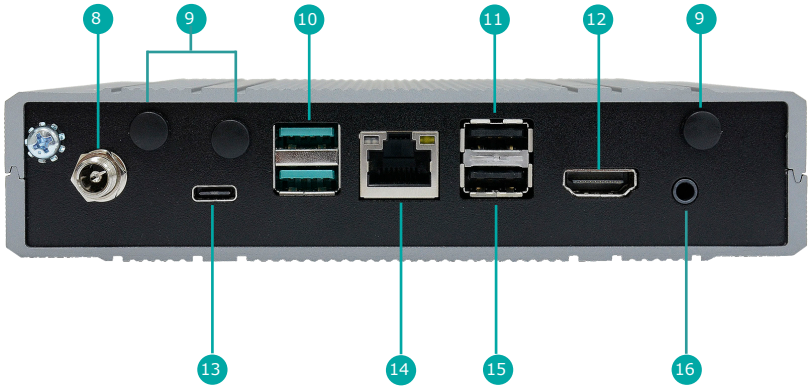
- 1 System unit

Front View



- 1** Antenna Hole (5G)
- 2** CAN Bus
- 3** uSD3.0 Slot
- 4** COM 1
- 5** 8-bit DIO Terminal Block
- 6** Switch 1
- 7** Power Button

Rear View

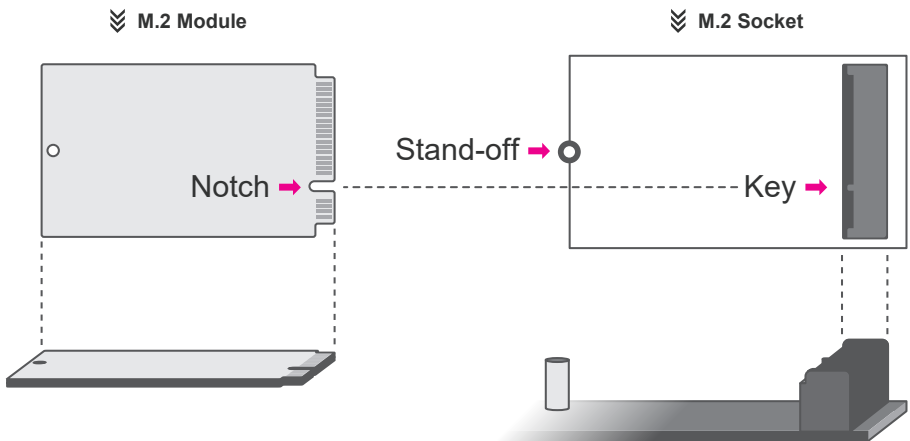


- 8 DC Jack (12V)
- 9 Antenna Hole (WIFI)
- 10 USB 3.1 Gen1
- 11 Default Disable (Opt. with LAN)
- 12 HDMI 1.4
- 13 USB 3.1 OTG (Type C)
- 14 LAN 1
- 15 USB 2.0
- 16 Audio Jack (Line-out/Mic-in)
*This function will be available on the next version.

Installing an M.2 Card

Before installing the M.2 module into the M.2 socket, please make sure that the following safety cautions are well-attended.

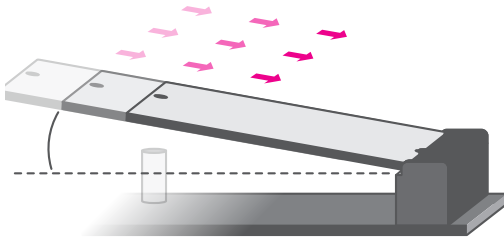
1. Make sure the PC and all other peripheral devices connected to it has been powered down.
2. Disconnect all power cords and cables.
3. Locate the M.2 socket on the system board
4. Make sure the notch on card is aligned to the key on the socket.
5. Make sure the standoff screw is removed from the standoff.



Please follow the steps below to install the card into the socket.

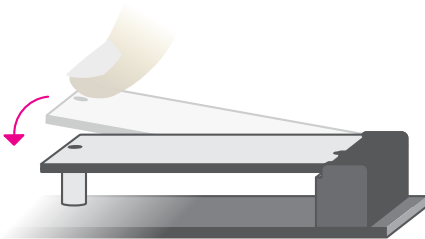
Step 1:

Insert the card into the socket at an angle while making sure the notch and key are perfectly aligned.



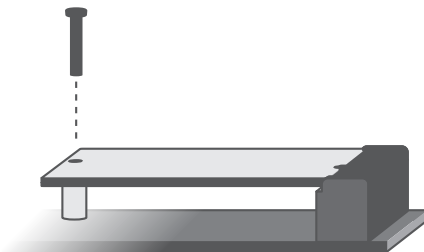
Step 2:

Press the end of the card far from the socket down until against the stand-off.



Step 3:

Screw tight the card onto the stand-off with a screw driver and a stand-off screw until the gap between the card and the stand-off closes up. The card should be lying parallel to the board when it's correctly mounted.



Installing an Antenna

Before installing the antenna, please make sure that the following safety cautions are wellattended.

1. Make sure the PC and all other peripheral devices connected to it has been powered down.
2. Disconnect all power cords and cables.

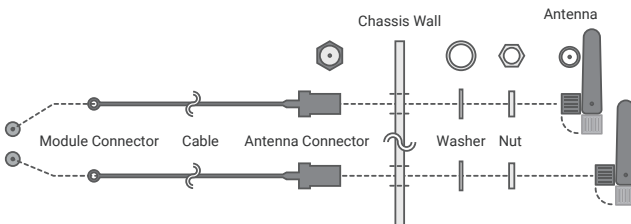
Step 1:

There are antenna holes reserved on the front and rear sides of the system and by default covered by rubber plugs. Please remove the plug prior to installing an antenna.



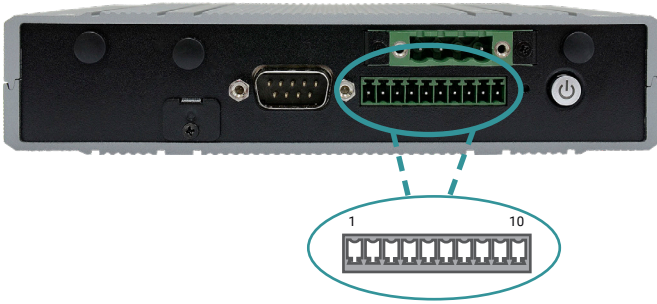
Step 2:

Connect the internal cable to the board's antenna connector, screw the antenna connector through the antenna hole with washers and nuts, and screw on the antenna as illustrated below.



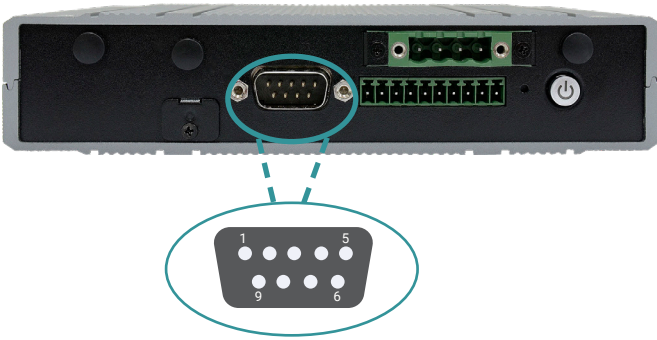
PIN Assignment

► DIO



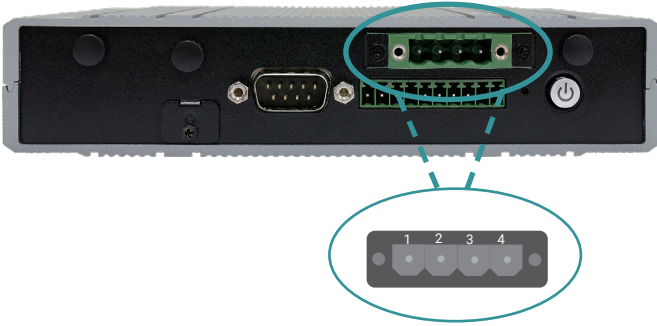
| Pin | Assignment | Pin | Assignment |
|-----|------------|-----|------------|
| 1 | DIO0 | 2 | DIO1 |
| 3 | DIO2 | 4 | DIO3 |
| 5 | DIO4 | 6 | DIO5 |
| 7 | DIO6 | 8 | DIO7 |
| 9 | +3.3V | 10 | GND |

► COM 1



| Pin | Assignment | Pin | Assignment |
|-----|------------|-----|------------|
| 1 | DCD | 2 | RXD |
| 3 | TXD | 4 | DTR |
| 5 | GND | 6 | NC |
| 7 | RTS | 8 | CTS |
| 9 | NC | | |

► CAN Bus Connector



| Pin | Assignment |
|-----|------------|
| 1 | +5V |
| 2 | CAN1H |
| 3 | CAN1L |
| 4 | GND |



USB Type C Matrix

| Mode | Description |
|---------------------|---|
| Display Port | <ol style="list-style-type: none">1. Power on unit.2. Enter into OS.3. Make sure USB type C port connects to monitor.4. Access Switch 1 hole 1 time. |
| Adb | <ol style="list-style-type: none">1. Power on unit.2. Enter into OS.3. Connect unit and PC by USB Type C cable then type adb command to test unit.4. Command line (Refer to Test Guide). |
| Download | <ol style="list-style-type: none">1. Access Switch 1 hole to enter into download mode.2. Refer to Image_flash_guide. |



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on the product's revision. For more documentation and drivers, please visit the download page at www.dfi.com/downloadcenter, or via the QR codes to the right.

