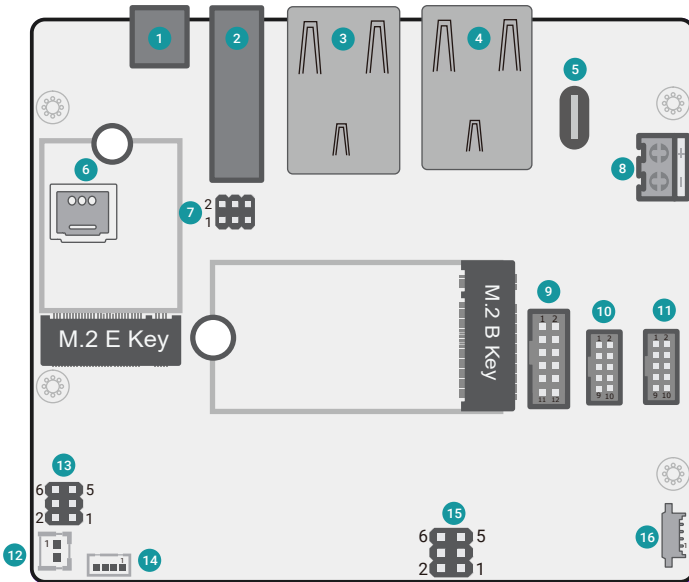
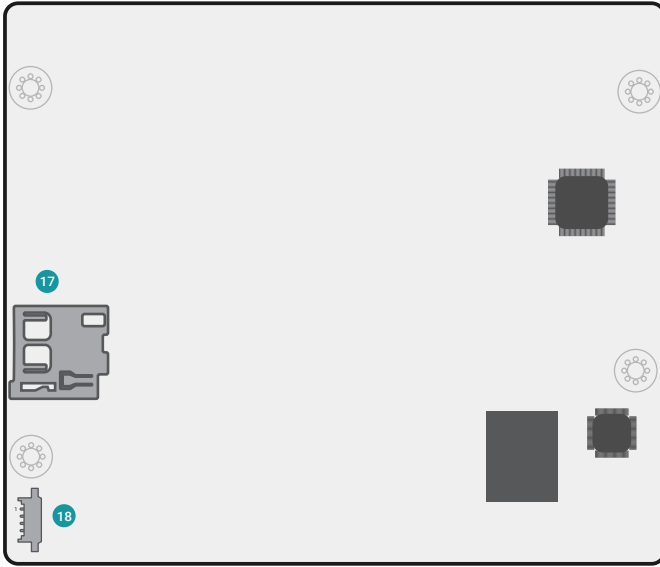


## Board Layout

### Top View



## Bottom View



1 RS-485

2 HDMI

3 ▲LAN2  
▼USB2.0

4 ▲LAN1  
▼USB2.0

5 OTG USB

6 Nano SIM Slot

7 USB2.0

8 DC-in

9 DIO/COM1

10 COM2

11 COM1

12 Battery

13 Front Panel

14 CAN

15 DIO Power Select (5V\_DIO)

16 UART Debug

17 uSD Slot

18 i²C

# Jumper Settings

15 DIO Power Select (5V_DIO)	IOJP1
3V3 (default)	1-3 On
DIO_PWR_SEL1 (default)	2-4 On
5V	3-5 On

# PIN Assignment

## 12 ▶ Battery (BTJ1)

Pin	Assignment
1	+VBAT
2	GND

## 16 ▶ UART Debug (TSJ4)

Pin	Assignment
1	3V3
2	UART2_RXD
3	UART2_TXD
4	GND

## 14 ▶ CAN (CBCN1)

Pin	Assignment
1	3V3
2	CANH
3	CANL
4	GND

## 18 ▶ I<sup>2</sup>C (TSJ5)

Pin	Assignment
1	3V3
2	SCL
3	SDA
4	GND

## 7 ▶ USB2.0 (UBJ1)

Pin	Assignment	Pin	Assignment
1	5V	2	DP
3	DN	4	DIO2
5	GND	6	CUT

## 13 ▶ Front Panel (FPJP1)

Pin	Assignment	Pin	Assignment
1	ONOFF	2	3V3
3	GND	4	SYS_LED
5	SYS_RST#	6	SYS_ON#

**11 ▶ COM1 (TSJ2)**

Pin	Assignment	Pin	Assignment
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-	10	----

**10 ▶ COM2 (TSJ3)**

Pin	Assignment	Pin	Assignment
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-	10	----

**9 ▶ DIO/COM1 (TSJ1)**

Pin	Assignment	Pin	Assignment
1	DIO1	2	DIO2
3	DIO3	4	DIO4
5	GND	6	VCCP
7	DCD	8	RX
9	RTS	10	TX
11	CTS	12	NC

**9 ▶ COM1-RS-232 (TSJ1)**

Pin	Assignment	Pin	Assignment
1	DIO1	2	DIO2
3	DIO3	4	DIO4
5	GND	6	VCCP
7	NC	8	RX
9	RTS	10	TX
11	CTS	12	NC

## 9 ► COM1-RS-422 (TSJ1)

Pin	Assignment	Pin	Assignment
1	DIO1	2	DIO2
3	DIO3	4	DIO4
5	GND	6	VCCP
7	TX-	8	TX+
9	NC	10	RX+
11	NC	12	RX-

## 9 ► COM1-RS-485 (TSJ1)

Pin	Assignment	Pin	Assignment
1	DIO1	2	DIO2
3	DIO3	4	DIO4
5	GND	6	VCCP
7	DATA-	8	DATA+
9	RTS	10	TX
11	CTS	12	NC



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](http://www.dfi.com/downloadcenter), or via the QR codes to the right.

