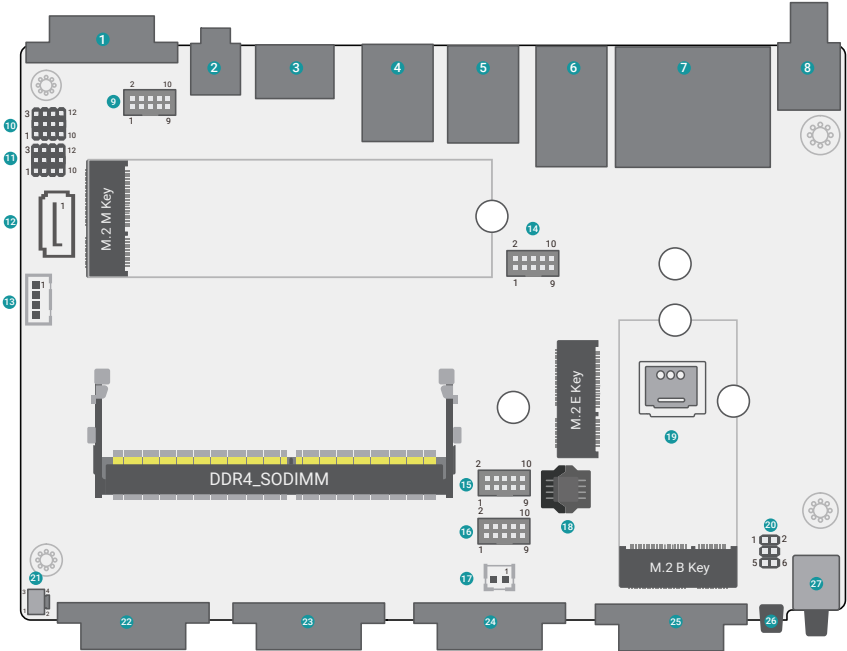


Board Layout

Top View



- 1 COM3/DIO (Optional)

- 2 Audio

- 3 HDMI

- 4 ▲USB3.2 Type A (USB2_/USB2_3)
▼USB3.2 Type C (TCP0/USB2_2)
Option: USB3.2 Type A (TCP3/USB2_9)

- 5 ▲USB3.2 Type A (USB3_1/USB2_1)
▼USB3.2 Type C (TCP1/USB2_4)
Option: USB3.2 Type A (TCP2/USB2_8)

- 6 2.5G LAN3

- 7 LAN2 / LAN1

- 8 DC-IN

- 9 Front Audio

- 10 COM Serial / DIO Switch (JP8)

- 11 COM Serial / DIO Switch (JP9)

- 12 SATA

- 13 SATA Power

- 14 USB2.0 (USB2_5/USB2_6)

- 15 COM6

- 16 COM5

- 17 RTC Battery

- 18 SPI

- 19 SIM Slot

- 20 Front Panel

- 21 Clear CMOS

- 22 COM2

- 23 COM1

- 24 COM4

- 25 VGA

- 26 Reset Button

- 27 Power Button

Jumper Settings

10 11 COM Serial / DIO Switch	JP8 & JP9
Serial COM Signal (Default)	1-2 ; 4-5 ; 7-8 ; 10-11 ON
DIO Signal (Opt.)	2-3 ; 5-6 ; 8-9 ; 11-12 ON

PIN Assignment

17 ▶ RTC Battery

Pin	Assignment
1	V_BAT
2	GND

13 ▶ SATA Power

Pin	Assignment
1	12V
2	GND
3	GND
4	5V

12 ▶ SATA

Pin	Assignment
1	GND
2	TX+
3	TX-
4	GND
5	RX-
6	RX+
7	GND

20 ▶ Front Panel

Pin	Assignment	Pin	Assignment
1	PWR_BTN0	2	V_SUS_LED
3	GND	4	SUS_LED#
5	SYS_RST0	6	HD_LED#

23 22 ► COM1 & COM2

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

1 ► COM3

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

1 ► DIO (Optional)

Pin	Assignment	Pin	Assignment
1	DIOA0	2	DIOA1
3	DIOA2	4	DIOA3
5	GND	6	DIOA6
7	DIOA7	8	DIOA4
9	DIOA5		

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▶ COM4

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

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▶ COM5

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

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▶ COM6

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

9 ▶ Front Audio

Pin	Assignment	Pin	Assignment
1	Mic2-L	2	GND
3	Mic2-R	4	NC
5	Line2-R	6	Mic2-JD
7	GND	8	NC
9	Line2-L	10	Line2-JD

14 ▶ USB2.0 (USB2_5/USB2_6)

Pin	Assignment	Pin	Assignment
1	5V	2	5V
3	USB2_5_N	4	USB2_6_N
5	USB2_5_P	6	USB2_6_P
7	GND	8	GND
9	NC	10	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, or via the QR codes to the right.

