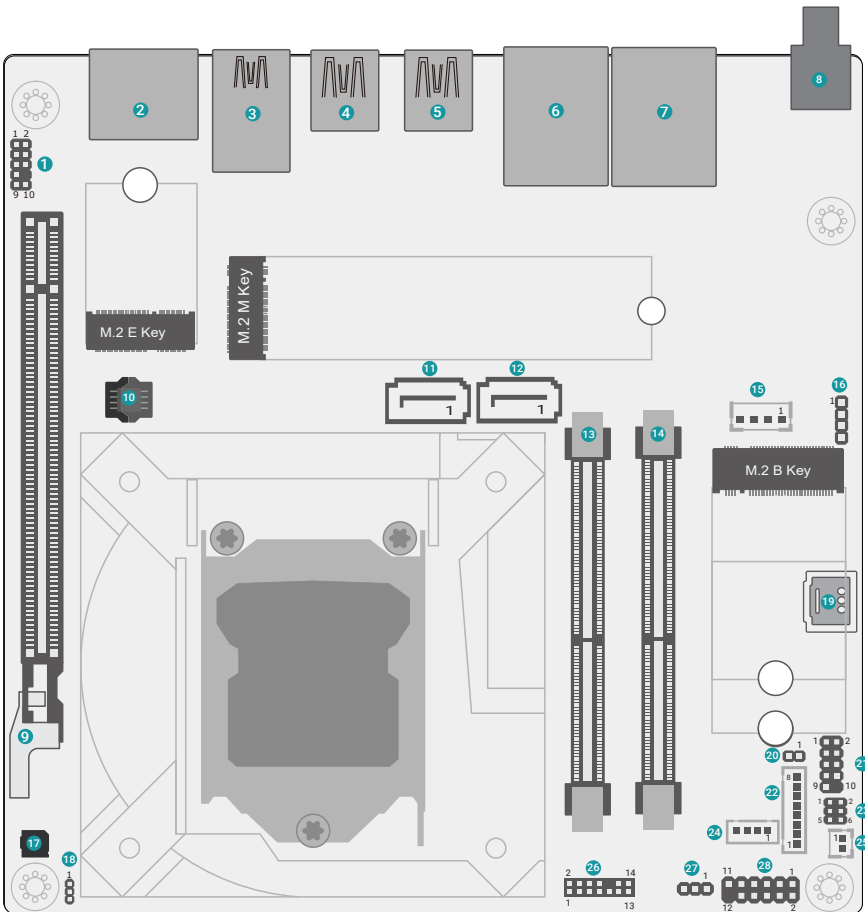


Quick Reference

CMS171/CMS173

Board Layout

Top View



- 1 Front Audio

- 2 DP++

- 3 USB3.2

- 4 USB3.2 Gen2

- 5 USB3.2 Gen2

- 6 ▲LAN2
▼USB3.2 Gen2

- 7 ▲LAN1
▼USB3.2 Gen2

- 8 DC-in

- 9 PCIe x16

- 10 SPI

- 11 SATA1

- 12 SATA0

- 13 SO-DIMM1

- 14 SO-DIMM2

- 15 SATA Power

- 16 CPU Fan

- 17 Buzzer

- 18 CLEAR CMOS

- 19 SIM Card Slot

- 20 Caseopen

- 21 COM1

- 22 8-bit DIO

- 23 Power Selection COM 1

- 24 DIO Power

- 25 Battery

- 26 LPC

- 27 System Fan

- 28 Front Panel



Jumper Settings

18 Clear CMOS	JP1
Default	1-2 ON
Clear	1-2 OFF

23 Power Selection COM 1	JP2
RS232 Standard (Default)	1-3/2-4 ON
RS232 with Power	3-5/4-6 ON

27 ▶ System Fan (J9)

Pin	Assignment
1	GND
2	PWM
3	TACH

15 ▶ SATA Power (CN1)

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

16 ▶ CPU Fan (J10)

Pin	Assignment
1	GND
2	12V
3	RPM
4	CTRL

24 ▶ DIO Power (J12)

Pin	Assignment
1	12V
2	GND
3	5V _{DU}
4	5V

12 ▶ SATA0 (J1)

Pin	Assignment
1	GND
2	TXP
3	TXN
4	GND
5	RXN
6	RXP
7	GND

11 ▶ SATA1 (J2)

Pin	Assignment
1	GND
2	TXP
3	TXN
4	GND
5	RXN
6	RXP
7	GND

21 ► COM1 RS232/RS422/RS485 (J17)

Pin	RS232	RS422 Full Duplex	RS485
1	DCD-	TX-	Data-
2	RD	TX+	Data+
3	TD	RX+	N.C
4	DTR-	RX-	N.C
5	GND	GND	GND
6	DSR-	N.C	N.C
7	RTS-	N.C	N.C
8	CTS-	N.C	N.C
9	RI-	N.C	N.C
10	N.C	N.C	N.C

22 ► DIO (J13)

Pin	Assignment
1	DIO0
2	DIO1
3	DIO2
4	DIO3
5	DIO4
6	DIO5
7	DIO6
8	DIO7

28 ► Front Panel (J11)

Pin	Assignment	Pin	Assignment
1	NC	2	V_SUS_LED
3	3V3	4	V_SUS_LED
5	HDD_LED	6	SUS_LED
7	GND	8	GND
9	SYS_RST-	10	PWR_BTN-
11	NC	12	---

1 ► Front Audio (AUJ2)

Pin	Assignment	Pin	Assignment
1	MIC2_L	2	GND
3	MIC2_R	4	-ACZ_DET
5	LINE2_R	6	FSENSE1
7	FAUDIO_JD	8	NC
9	LINE2_L	10	FSENSE2

Pin	Assignment	Pin	Assignment
1	CLK	2	LAD1
3	RST#	4	LAD0
5	FRAME#	6	VCC3
7	LAD3	8	GND1
9	LAD2	10	---
11	SERIRQ	12	GND2
13	5VSB	14	5V



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.

