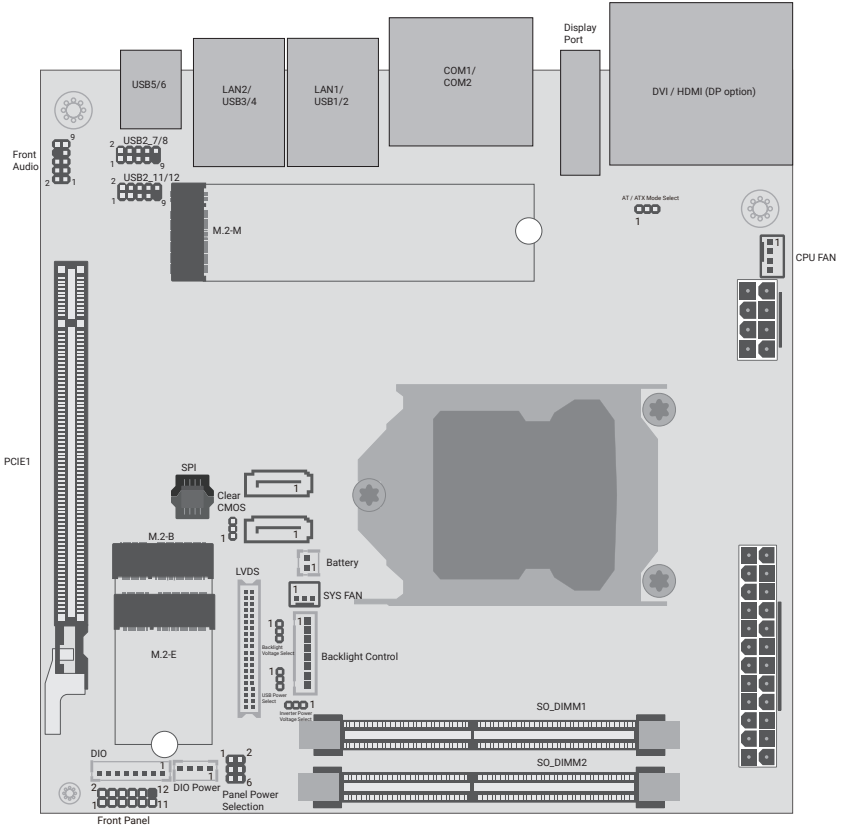
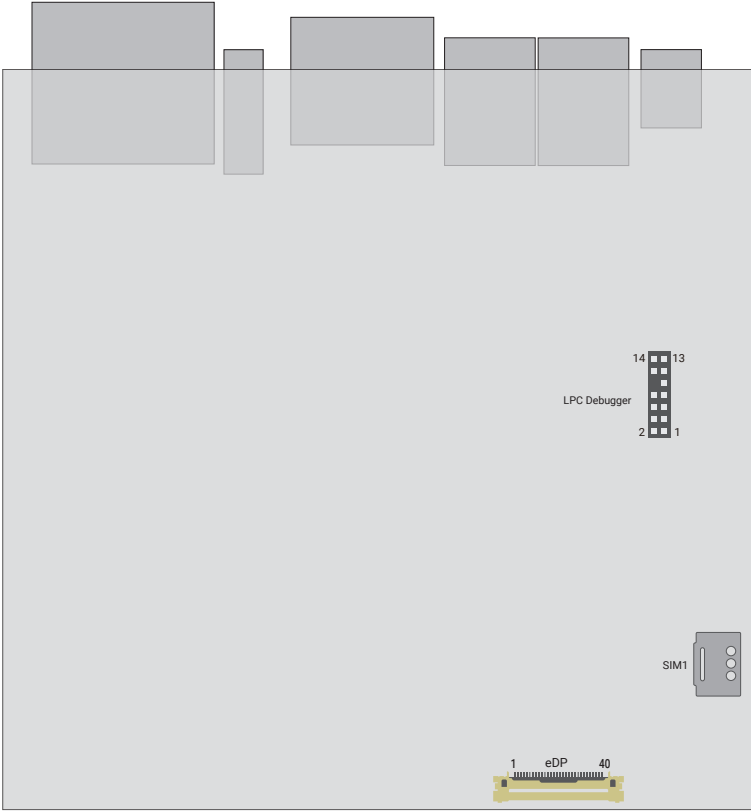


Board Layout - Top



Board Layout - Bottom



Jumpers

Panel Power Selection

12V	1-2 On
5V	3-4 On
3.3V(Default)	5-6 On

Backlight Voltage Select

+3V3 (Default)	1-2 On
5V	2-3 On

Clear CMOS

Normal (Default)	1-2 On
Clear CMOS	2-3 On

AT / ATX mode select

AT (Default)	1-2 On
ATX	2-3 On

USB Power Select

5VDU (Default)	1-2 On
5V	2-3 On

Inverter Power Voltage Select

+12V (Default)	1-2 On
5V	2-3 On

Pin Assignments

Front Audio

Pin	Assignment	Pin	Assignment
1	MIC2-L	2	GND
3	MIC2-R	4	--
5	LINE2-R	6	MIC2-JD
7	GND	8	--
9	LINE2-L	10	LINE2-JD

USB2_11/12

Pin	Assignment	Pin	Assignment
1	SBV4	2	SBV4
3	USBP_C_11N	4	USBP_C_12N
5	USBP_C_11P	6	USBP_C_12P
7	GND	8	GND
9	--	10	--

USB2_7/8

Pin	Assignment	Pin	Assignment
1	SBV4	2	SBV4
3	USBP_C_7N	4	USBP_C_8N
5	USBP_C_7P	6	USBP_C_8P
7	GND	8	GND
9	--	10	--

CPU FAN

Pin	Assignment
1	GND
2	+12V
3	CPUFANIN
4	CPUFANOUT

SYS FAN

Pin	Assignment
1	GND
2	SYSFANOUT1
3	SYSFANIN1

Battery

Pin	Assignment	Pin	Assignment
1	+3.3V	2	GND

Backlight Control

Pin	Assignment	Pin	Assignment
1	GND	2	GND
3	DIMMING	4	PANEL_PWR
5	LVDS_3V3	6	BLONOFF
7	VCC_INV_PWR	8	VCC_INV_PWR

DIO Power

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

DIO

Pin	Assignment	Pin	Assignment
1	D_IOA0_C	2	D_IOA1_C
3	D_IOA2_C	4	D_IOA3_C
5	D_IOA4_C	6	D_IOA5_C
7	D_IOA6_C	8	D_IOA7_C

COM Port Pin Assignment

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

Front Panel

Pin	Function	Assignment	Function	Pin	Assignment
1		--		2	LED POWER
3	HDD LED	3V3	SYS LED	4	LED POWER
5		HD_LED		6	SUSLED
7	RESET	GND	POWER	8	GND
9		SYS_RST-		10	PWR_BTN-

LPC Debugger

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

eDP

Pin	Assignment	Pin	Assignment
1	--	2	VCC_INV_PWR
3	VCC_INV_PWR	4	VCC_INV_PWR
5	VCC_INV_PWR	6	--
7	--	8	DIMMING
9	BLONOFF	10	eDP_GND
11	eDP_GND	12	eDP_GND
13	eDP_GND	14	eDP_HPDB_R
15	GND	16	GND
17	GND	18	GND
19	--	20	PANEL_PWR
21	PANEL_PWR	22	PANEL_PWR
23	PANEL_PWR	24	GND
25	eDP_AUXN_C	26	eDP_AUXP_C
27	GND	28	eDP_LANE0_P
29	eDP_LANE0_N	30	GND
31	eDP_LANE1_P	32	eDP_LANE1_N
33	GND	34	eDP_LANE2_P
35	eDP_LANE2_N	36	GND
37	eDP_LANE3_P	38	eDP_LANE3_N
39	GND	40	--



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.

