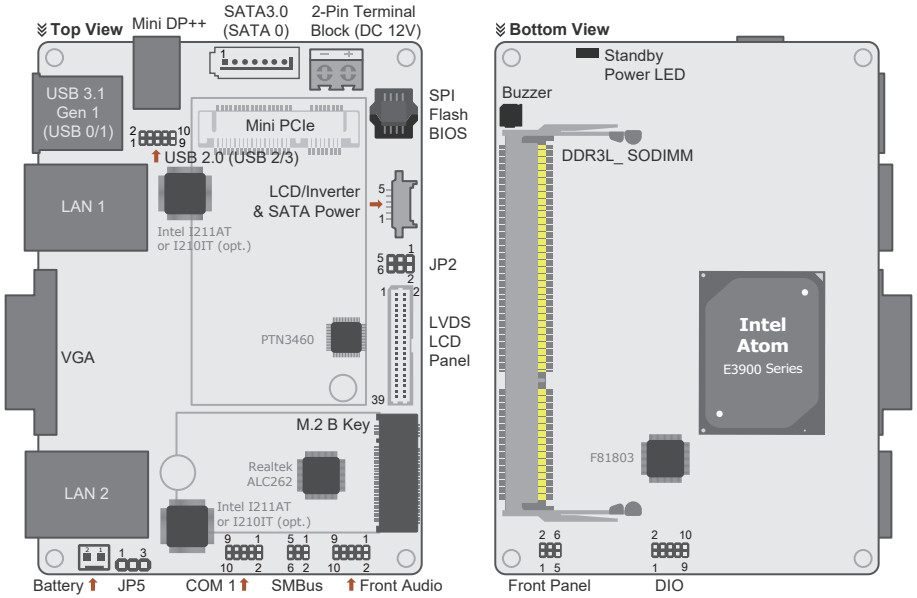


## Board Layout and Jumper Settings



### LVDS Panel Power Select JP2

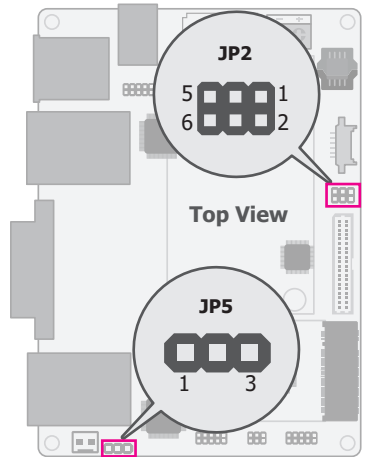
+5V	1-3 On
+3.3V (default)	3-5 On

### Power-on Select JP2

Power On via Power Button	2-4 On
Power On via AC Power	4-6 On

### M.2 Signal Select JP5

SATA (default)	1-2 On
PCIe	2-3 On



# Pin Assignment

## USB 2.0 Headers (USB 2/3)

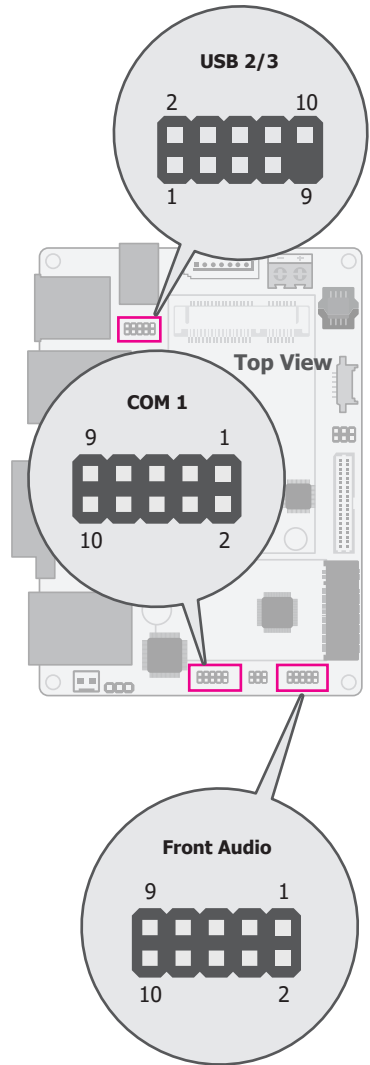
Pin	Assignment	Pin	Assignment
1	VCC	2	VCC
3	Data0-	4	Data1-
5	Data0+	6	Data1+
7	GND	8	GND
9	---	10	N.C.

## COM Port (COM 1)

Pin	RS232	RS422	RS485
1	DCD-	TX-	DATA-
2	RD	TX+	DATA+
3	TD	RX+	NC
4	DTR-	RX-	NC
5	GND	GND	GND
6	DSR-	NC	NC
7	RTS-	NC	NC
8	CTS-	NC	NC
9	RI-	NC	NC
10	GND	GND	NC

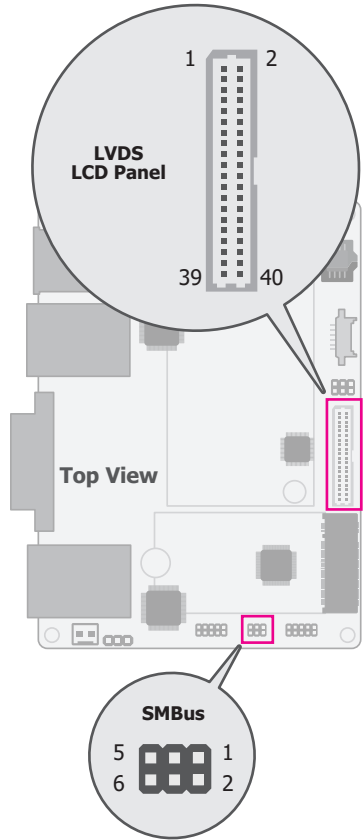
## Front Audio

Pin	Assignment	Pin	Assignment
1	Mic-L	2	GND
3	Mic-R	4	N.C.
5	Line-R	6	Mic-JD
7	GND	8	---
9	Line-L	10	Line-JD



### LVDS LCD Panel Connector

Pin	Assignment	Pin	Assignment
1	GND	2	GND
3	LVDS_Out3+	4	LVDS_Out7+
5	LVDS_Out3-	6	LVDS_Out7-
7	GND	8	GND
9	LVDS_Out2+	10	LVDS_Out6+
11	LVDS_Out2-	12	LVDS_Out6-
13	GND	14	GND
15	LVDS_Out1+	16	LVDS_Out5+
17	LVDS_Out1-	18	LVDS_Out5-
19	GND	20	GND
21	LVDS_Out0+	22	LVDS_Out4+
23	LVDS_Out0-	24	LVDS_Out4-
25	GND	26	GND
27	LVDS_CLK1+	28	LVDS_CLK2+
29	LVDS_CLK1-	30	LVDS_CLK2-
31	GND	32	GND
33	DDC_CLK	34	N.C.
35	DDC_DATA	36	+3.3V
37	Panel Power	38	Panel Power
39	Panel Power	40	Panel Power



### SMBus

Pin	Assignment	Pin	Assignment
1	3V3SB	2	GND
3	SMB_CLK	4	SMB_DATA
5	SMB_ALERT	6	GND

## Digital I/O (DIO)

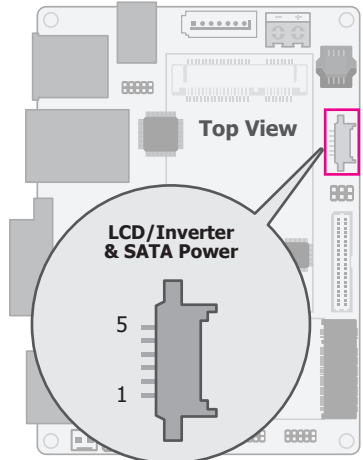
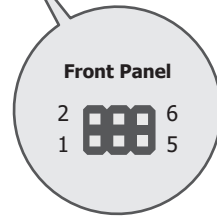
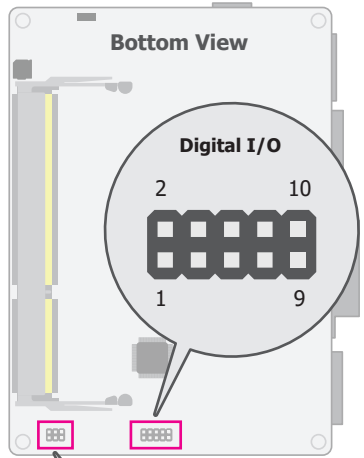
Pin	Assignment	Pin	Assignment
1	DIO07	2	DIO06
3	DIO05	4	DIO04
5	DIO03	6	DIO02
7	DIO01	8	DIO00
9	5V	10	GND

## Front Panel

Pin	Assignment	Pin	Assignment		
HDD-LED	6	HDD LED	PWR-BTN	1	Power Button
	3	GND		3	GND
RESET	3	GND	PWR-LED	2	LED Power
	5	Reset Signal		4	LED Signal

## LCD/Inverter & SATA Power Connector

Pin	Assignment	Pin	Assignment
1	+12V	4	Dimming Control
2	GND	5	+5V
3	Backlight On/Off		



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