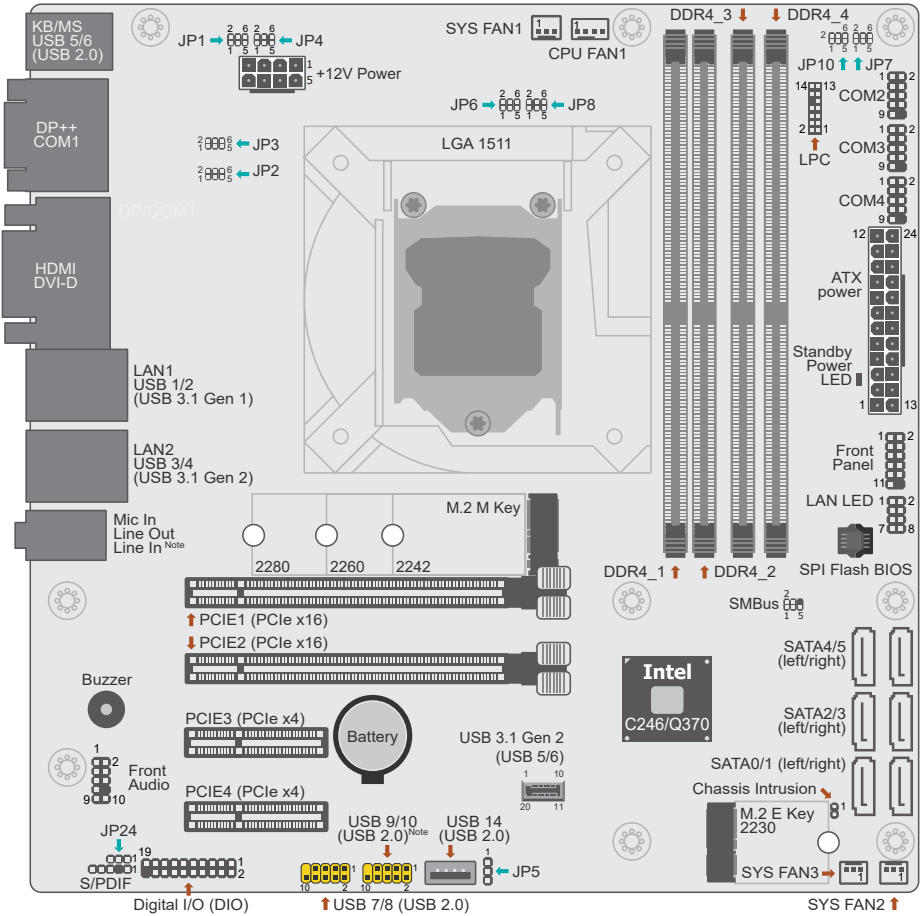


## Board Layout and Jumper Settings



**Note:**

Some components are optional and only available upon request.

COM 1/2 Mode	JP1/8	JP2/6	JP3/10
RS232 (default)	1-3, 2-4	1-3, 2-4	1-3, 4-6
RS422	3-5, 4-6	3-5, 4-6	3-5, 4-6
RS485	3-5, 4-6	3-5, 4-6	3-5, 2-4

COM 1/2 Power Select	JP4/7
Standard RS232 (default)	1-3, 2-4 On
RS232 with Power	3-5, 4-6 On

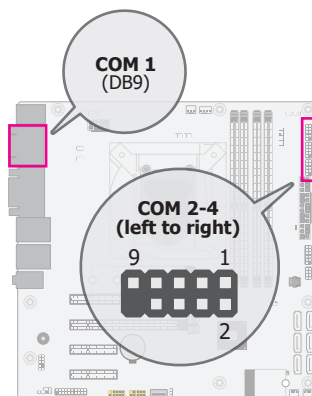
DIO Power Voltage	JP24
5VDU (default)	1-2 On
5V	2-3 On

Clear CMOS Data	JP5
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

## Pin Assignments for I/O Connectors

### COM Ports (COM 1-4)

Pin	RS232	RS232 with PWR	RS422 Full Duplex	RS485
1	DCD-	+12V	TXD-	Data-
2	RD	RD	TXD+	Data+
3	TD	TD	RXD+	N.C.
4	DTR-	DTR-	RXD-	N.C.
5	GND	GND	GND	GND
6	DSR-	DSR-	N.C.	N.C.
7	RTS-	RTS-	N.C.	N.C.
8	CTS-	CTS-	N.C.	N.C.
9	RI-	5V	N.C.	N.C.



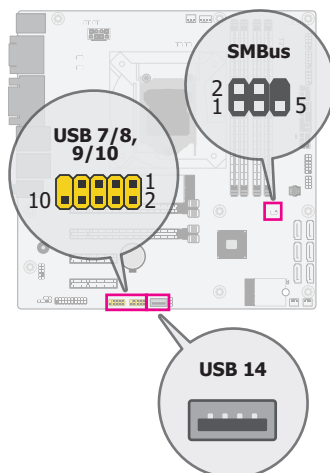
**Note:**  
COM 3/4 only support RS232 without power.

### SMBus

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

### USB 2.0 (USB 7/8, 9/10, 14 from left to right)

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



**LPC**

Pin	Assignment	Pin	Assignment
1	L_CLK	2	L_AD1
3	L_RST#	4	L_AD0
5	L_FRAME#	6	3V3
7	L_AD3	8	GND
9	L_AD2	10	---
11	SERIRQ	12	GND
13	5VSB	14	5V

**Front Audio**

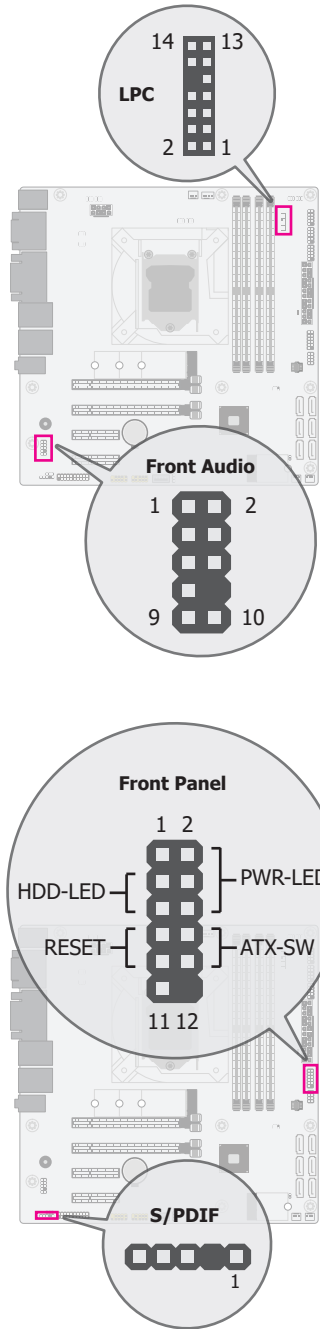
Pin	Assignment	Pin	Assignment
1	Mic2-L	2	GND
3	Mic2-R	4	N.C.
5	Line2-R	6	Mic2-JD
7	GND	8	---
9	Line2-L	10	Line2-JD

**Front Panel**

Pin	Assignment	Pin	Assignment
1	N.C.	2	LED Power
3	HDD Power	4	LED Power
5	Signal	6	Signal
7	Ground	8	Ground
9	Signal	10	Signal
11	N.C.	12	---

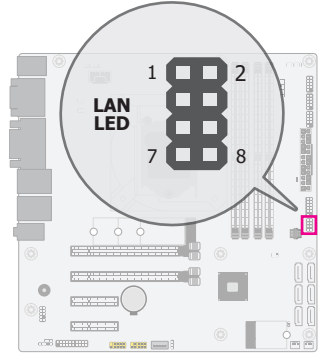
**S/PDIF**

Pin	Assignment	Pin	Assignment
1	5V	4	GND
2	---	5	Signal In
3	Signal Out		



### LAN LED

Pin	Assignment	Pin	Assignment
1	LAN1_1Gbps	2	LAN1_100Mbps
3	LAN1_Link_ACT	4	3V3DU
5	LAN2_1Gbps	6	LAN2_100Mbps
7	LAN2_Link_ACT	8	3V3DU

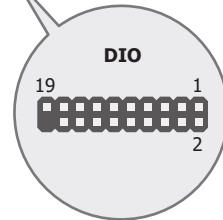
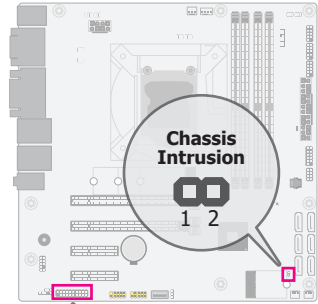


### Chassis Intrusion

Pin	Function	Pin	Function
1	Signal	2	GND

### Digital I/O (DIO)

Pin	Assignment	Pin	Assignment
1	GND	2	+12V
3	DIO_7	4	+12V
5	DIO_6	6	GND
7	DIO_5	8	5V
9	DIO_4	10	5V
13	DIO_3	12	GND
15	DIO_2	14	5VDU
17	DIO_1	16	5VDU
19	GND	18	GND



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C246



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