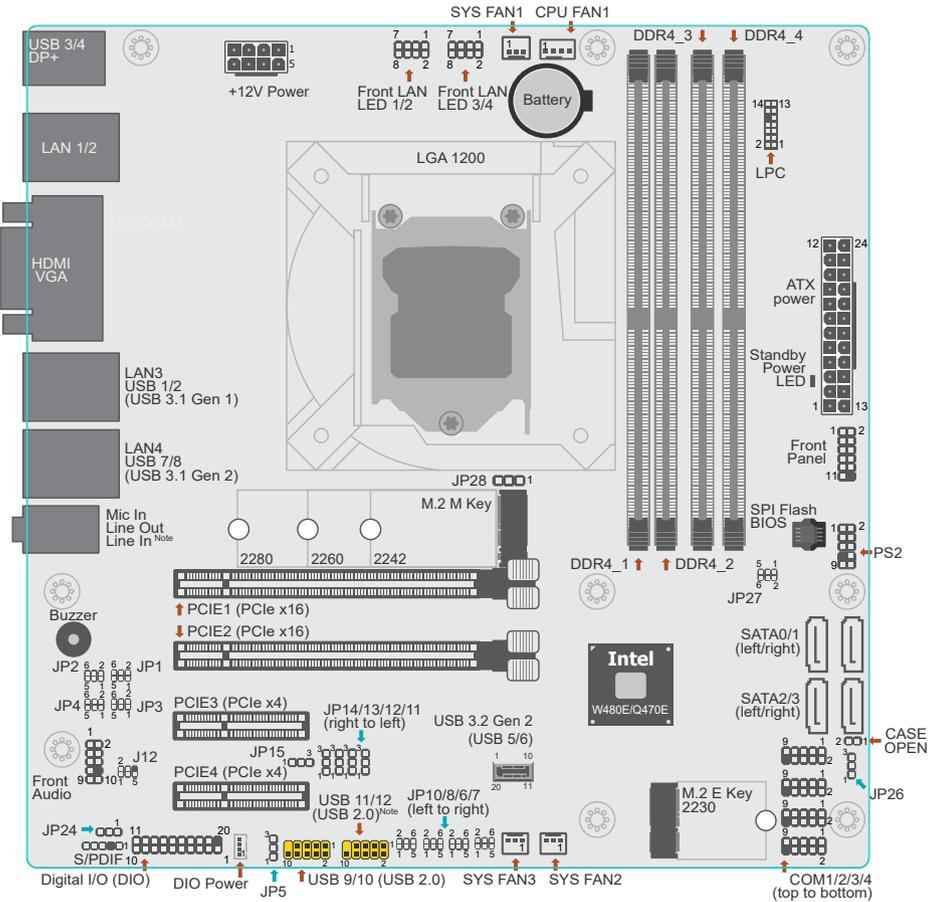


Board Layout and Jumper Settings



Note:

Some components are optional and only available upon request.

Jumper Settings

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

COM 2 Mode	JP6/8	JP10
RS232 (default)	1-3, 2-4	1-3, 4-6
RS422	3-5, 4-6	3-5, 4-6
RS485	3-5, 4-6	3-5, 2-4

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

COM 2 Power Select	JP7
Standard RS232 (default)	1-3, 2-4 On
RS232 with Power	3-5, 4-6 On

USB En control IC Power	JP24
5VDU (default)	1-2 On
5V	2-3 On

AT_ATX Mode	JP26
AT (default)	1-2 On
ATX	2-3 On

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

M.2 M-key Power	JP28
3V (for SSD) (default)	1-2 On
3V3DU (For M.2 PCIE to Lan Card)	2-3 On

0~3 Power	JP11
DIO POWER (default)	1-2 On
GND	2-3 On

4~7 Power	JP12
DIO POWER (default)	1-2 On
GND	2-3 On

8~11 Power	JP13
DIO POWER (default)	1-2 On
GND	2-3 On

12~15 Power	JP14
DIO POWER (default)	1-2 On
GND	2-3 On

Digital I/O IC Power	JP15
5VSB (default)	1-2 On
5V	2-3 On

Pin Assignments for I/O Connectors

COM Ports (COM 1-4)

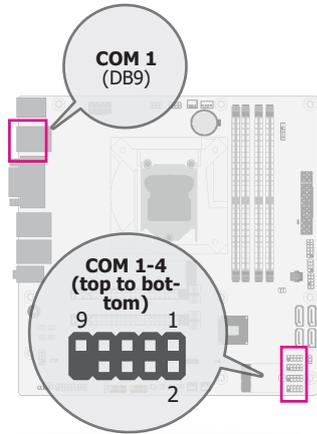
Pin	RS232	RS232 with PWR	RS422 Full Duplex	RS485
1	DCD-	+12V	TXD-	Data-
2	SIN-	RD	TXD+	Data+
3	SO-	TD	RXD+	N.C.
4	DTR-	DTR-	RXD-	N.C.
5	GND	GND	GND	GND
6	DSR-	DSR-	N.C.	N.C.
7	RTS-	RTS-	N.C.	N.C.
8	CTS-	CTS-	N.C.	N.C.
9	RI-	5V	N.C.	N.C.

SMBus (J12)

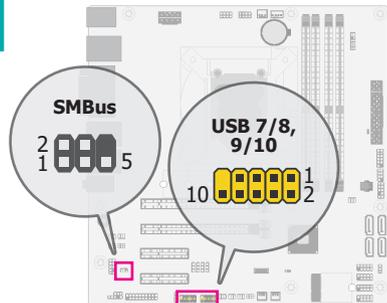
Pin	Assignment	Pin	Assignment
1	3V3DU	2	GND
3	SMB_CLK	4	SMB_DATA
5	SMB_ALERT	6	GND

USB 2.0 (USB 9/10, 11/12 from left to right)

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



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



LPC

Pin	Assignment	Pin	Assignment
1	L_CLK	2	L_AD1
3	L_RST#	4	L_AD0
5	L_FRAME#	6	VCC3
7	L_AD3	8	GND
9	L_AD2	10	---
11	SERIRQ	12	GND
13	5VSB	14	5V

Front Audio

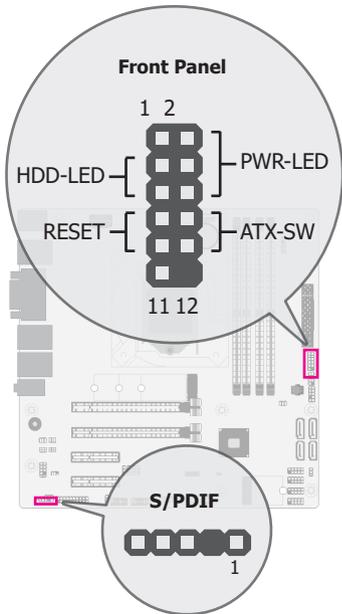
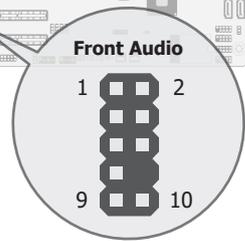
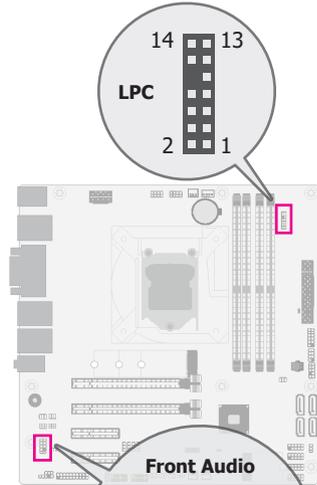
Pin	Assignment	Pin	Assignment
1	Mic2-L	2	GND
3	Mic2-R	4	N.C.
5	Line2-R	6	Mic2-JD
7	GND	8	---
9	Line2-L	10	Line2-JD

Front Panel

Pin	Assignment	Pin	Assignment
1	N.C.	2	LED Power
3	3V3	4	LED Power
5	Signal	6	Signal
7	Ground	8	Ground
9	Signal	10	Signal
11	N.C.	12	---

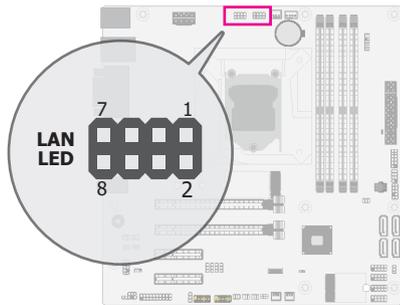
S/PDIF

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



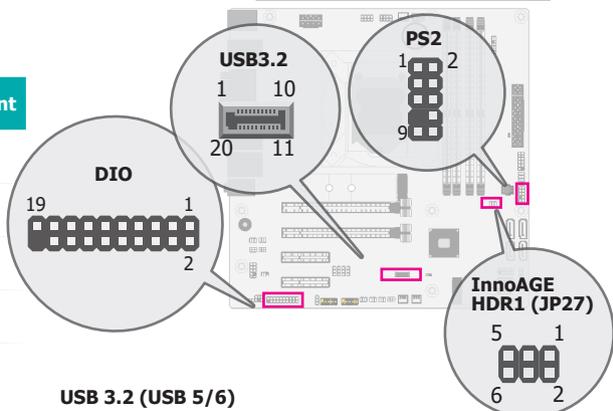
LAN LED 1/2, 3/4

Pin	Assignment	Pin	Assignment
1	LINK_1000	2	LINK_100
3	LINK_ACTIVITY	4	3V3_LAN
5	GBE_LED_1000-	6	GBE_LED_100-
7	GBE_LED_LINK_ACT-	8	3V3_LAN



PS2

Pin	Assignment	Pin	Assignment
1	KCLK	2	MCLK
3	KDAT	4	MDAT
5	GND	6	GND
7	---	8	GND
9	GND	10	GND



Digital I/O (DIO)

Pin	Assignment	Pin	Assignment
1	GND	2	GND
3	DIO_7	4	DIO_6
5	DIO_5	6	DIO_4
7	DIO_3	8	DIO_2
9	DIO_1	10	DIO_0
11	DIO_8	12	DIO_9
13	DIO_10	14	DIO_11
15	DIO_12	16	DIO_13
17	DIO_14	18	DIO_15
19	GND	20	---

USB 3.2 (USB 5/6)

Pin	Assignment	Pin	Assignment
10	SBV3	11	GND
9	Data-	12	Data-
8	Data+	13	Data+
7	GND	14	GND
6	Data-	15	Data-
5	Data+	16	Data+
4	GND	17	GND
3	Data-	18	Data-
2	Data+	19	Data+
1	GND	20	SBV3

InnoAGE HDR1 (JP27)

Pin	Assignment	Pin	Assignment
1	PCRST#	2	RECOV#
3	PWRLED#	4	HDDLED#
5	PWRBTN#	6	GND