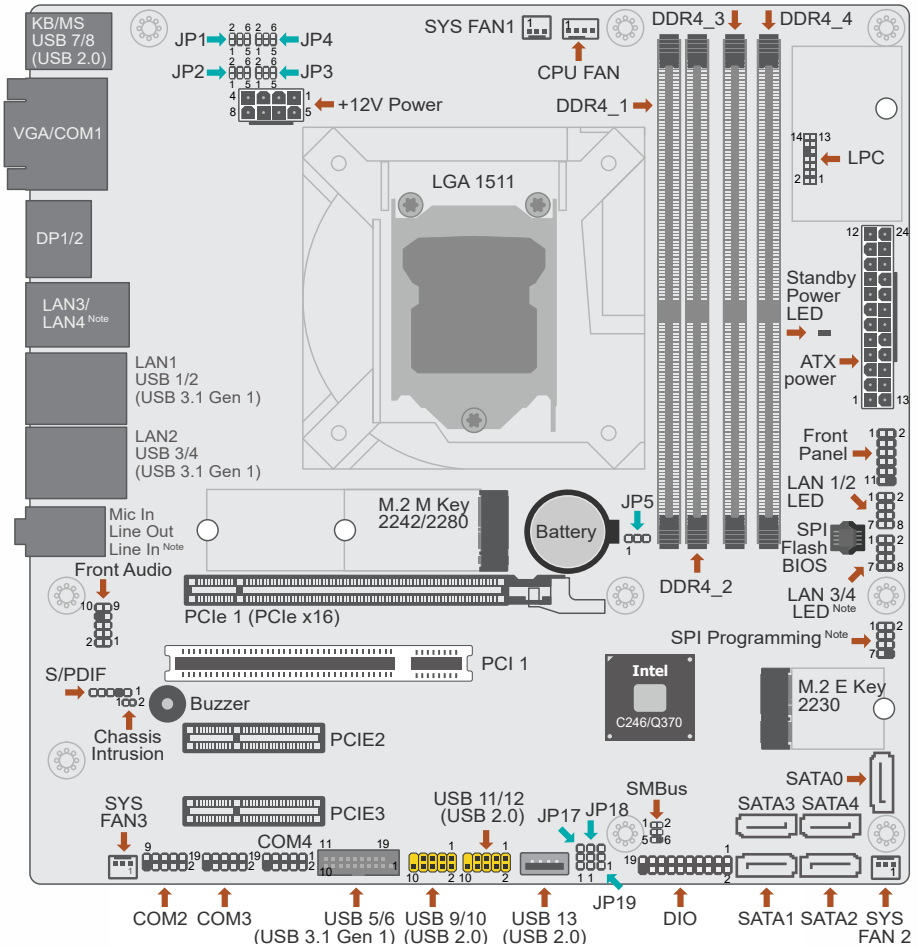


# CS332-C246/Q370

## Quick Reference

### Board Layout and Jumper Settings



COM 1 Mode	JP1	JP2	JP3
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 Power Select	JP4
RS232 Standard (default)	1-3, 2-4 On
RS232 with Power	3-5, 4-6 On

**Note:**

These components and parts may only be present in certain models.

DIO Power Source	JP18 (DIO 0-3) JP19 (DIO 4-7)
DIO VCC (default)	1-2 On
None	2-3 On

DIO Power Voltage	JP17
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

### SMBus

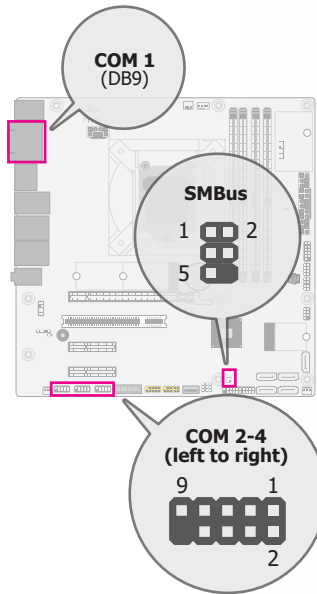
Pin	Assignment	Pin	Assignment
1	3V3SB	2	GND
3	SMB_CLK	4	SMB_DATA
5	SMB_ALERT	6	GND

### 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.

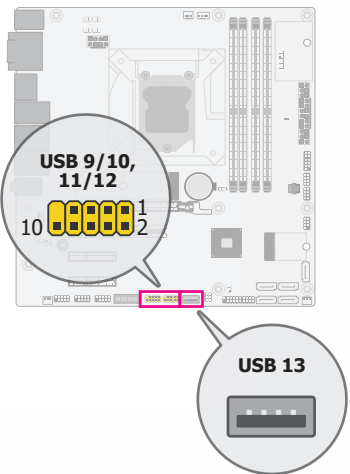
### USB 2.0 (USB 9/10, 11/12, 13 from left to right)

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



#### Note:

COM 2/3/4 only support RS232 without power.



## 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

## USB 3.1 (USB 5/6)

Pin	Assignment	Pin	Assignment
1	VCC	11	Data5+
2	USB3_RX6-	12	Data5-
3	USB3_RX6+	13	GND
4	GND	14	USB3_TX5+
5	USB3_TX6-	15	USB3_TX5-
6	USB3_TX6+	16	GND
7	GND	17	USB3_RX5+
8	Data6-	18	USB3_RX5-
9	Data6+	19	VCC
10	5V		

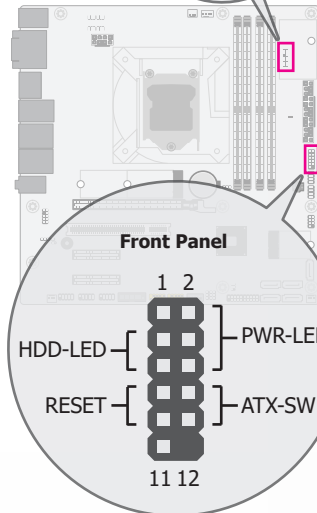
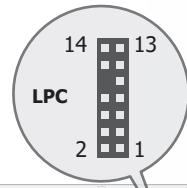
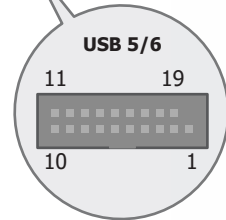
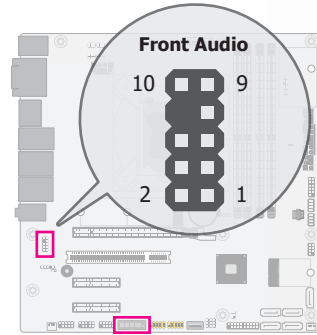
## Front Panel

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	---

HDD-LED  
RESET
PWR-LED  
ATX-SW

## 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



### LAN LED 1/2 (upper), 3/4 (lower)

Pin	Assignment	Pin	Assignment
1	GBE_1000	2	GBE_100
3	GBE_Link_ACT	4	3V3DU
5	LINK_1000	6	LINK_100
7	LINK_ACT	8	3V3DU

### S/PDIF

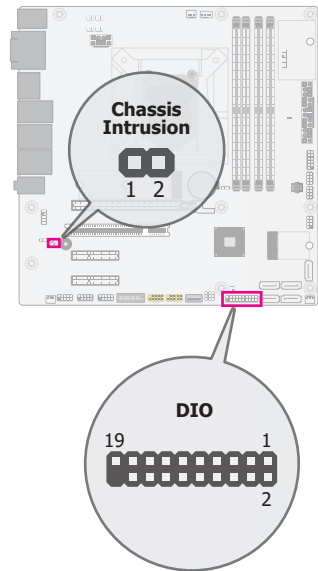
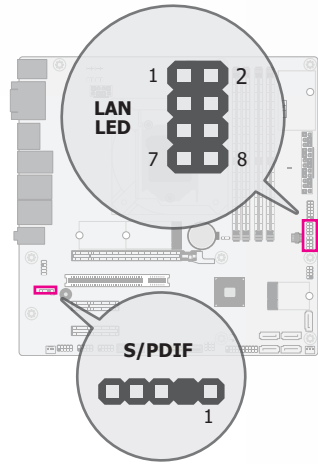
Pin	Assignment	Pin	Assignment
1	5V	4	GND
2	---	5	Signal In
3	Signal Out		

### 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



DFI reserves the right to change the specifications at any time prior to the product's release. For more information, please visit CS332's download page at [go.dfi.com/CS332-Q370](http://go.dfi.com/CS332-Q370), [go.dfi.com/CS332-C246](http://go.dfi.com/CS332-C246), or via the QR codes to the right.



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