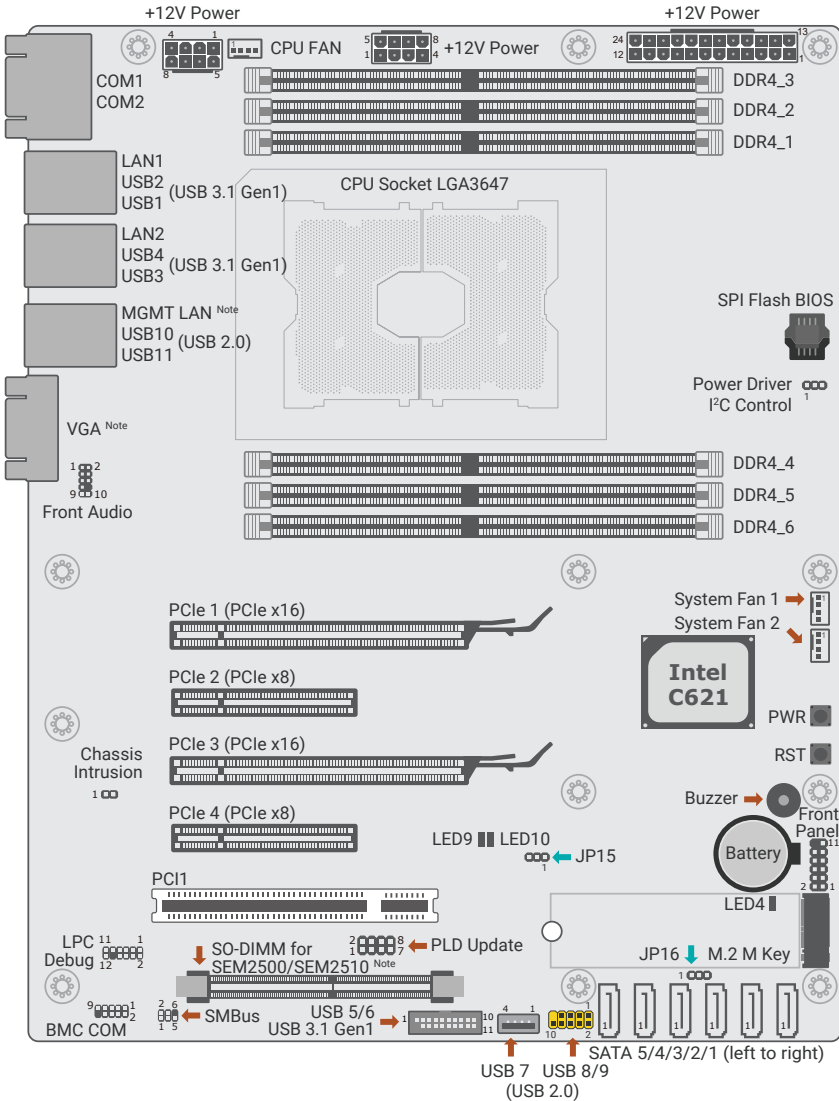


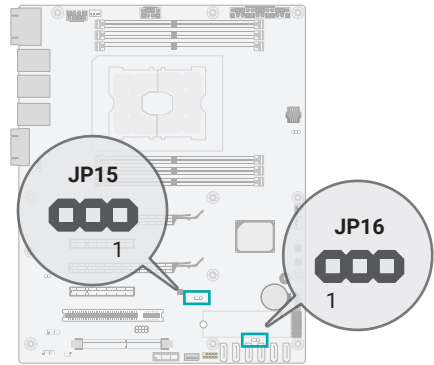
Board Layout and Jumpers



Note:
 These components are optional and may not be present on the actual board.

Clear CMOS Data	JP15
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

ME Firmware Update	JP16
Normal (default)	1-2 On
ME Force Update	2-3 On



Pin Assignment

Front Audio

Pin	Assignment	Pin	Assignment
1	Mic-L	2	GND
3	Mic-R	4	ACZ_DET#
5	Line-Out-R	6	Mic-JD (sense)
7	GND	8	KEY
9	Line-Out-L	10	Line-JD (sense)

SMBus

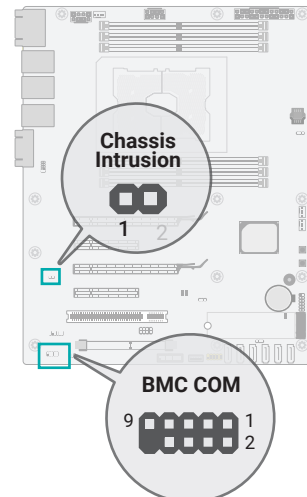
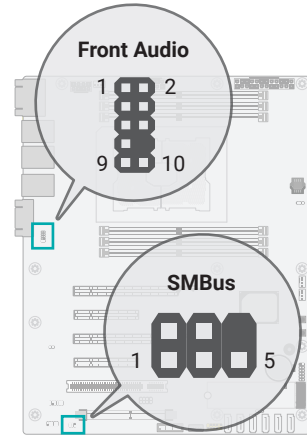
Pin	Assignment	Pin	Assignment
1	3V3SB	2	GND
3	SMBus_Clock	4	SMBus_DATA
5	SMBus_Alert	6	---

Chassis Intrusion

Pin	Function	Pin	Function
1	Signal	2	GND

BMC COM Port

Pin	Assignment	Pin	Assignment
1	DCD	2	DSR
3	RX	4	RTS
5	TX	6	CTS
7	DTR	8	RI
9	GND		



LPC (for Debug Port 80)

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	N.C.

JTAG PLD Update

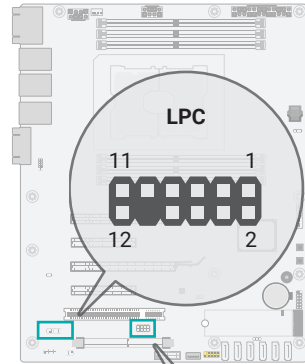
Pin	Assignment	Pin	Assignment
1	3V3SB	2	Test Data Out
3	Test Data In	4	EN N
5	Reset	6	Test Mode Select
7	GND	8	Test Clock

USB 2.0 (USB 8-9)

Pin	Assignment	Pin	Assignment
1	VCC	2	VCC
3	USB8_D-	4	USB9_D-
5	USB8_D+	6	USB9_D+
7	GND	8	GND
9	KEY	10	N.C.

Front Panel

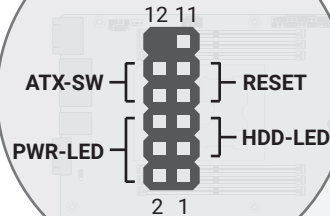
Pin	Assignment	Pin	Assignment
1	N.C.	2	LED Power
3	HDD Power	4	LED Power
5	Signal	6	Signal
7	Ground	8	Ground
9	Signal	10	Signal
11	N.C.	12	---



JTAG PLD Update



Front Panel

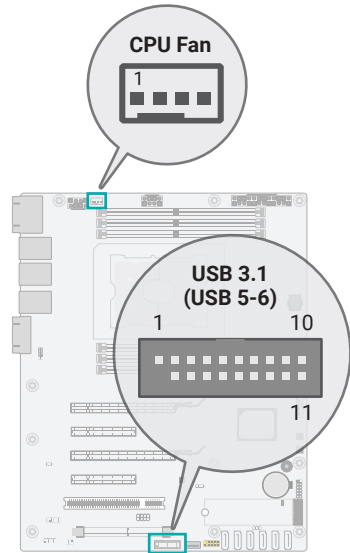


USB 2.0 (USB 8-9)



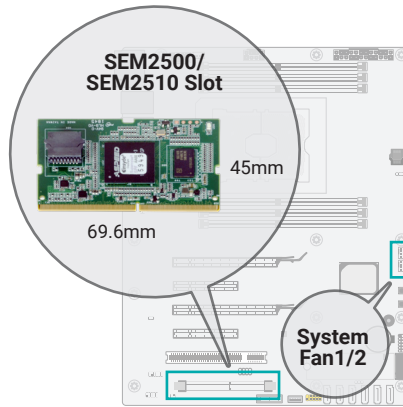
USB 3.1 (USB 5-6)

Pin	Assignment	Pin	Assignment
1	PWR	11	D2+
2	SSRX1-	12	D2-
3	SSRX1+	13	GND
4	GND	14	SSTX2+
5	SSTX1-	15	SSTX2-
6	SSTX1+	16	GND
7	GND	17	SSRX2+
8	D1-	18	SSRX2-
9	D2+	19	PWR
10	N.C.	20	---



CPU and System Fans

Pin	Assignment
1	GND
2	+12V
3	Sense
4	Speed Control



Note:

The optional DDR4 SO-DIMM socket for the SEM2500/SEM2510 module supports additional IPMI management, BMC, and VGA output.



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on editions that do not resemble your actual products. For more documentation and drivers, please visit the download page at go.dfi.com/PR610, or via the QR code to the right.

