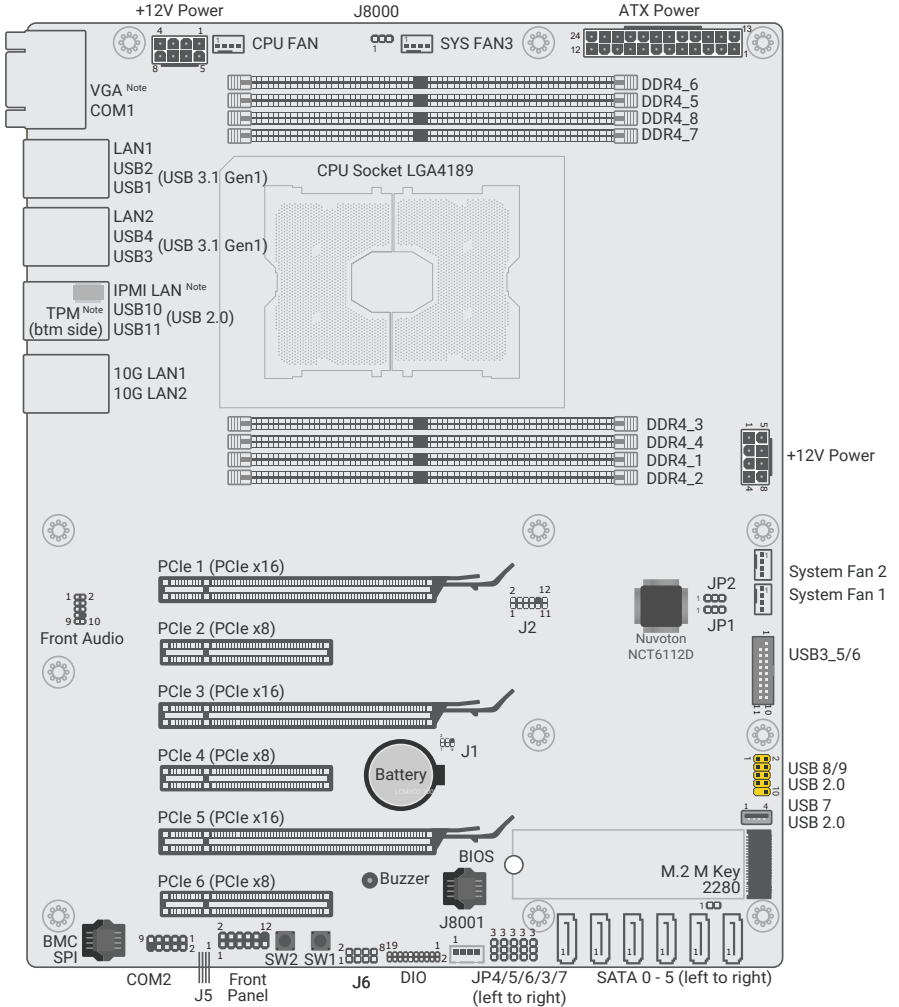


Board Layout and Jumpers



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

Clear CMOS Data	JP2
Normal (default)	1-2 On
Clear CMOS Data	2-3 On
ME Firmware Update	JP1
Normal (default)	1-2 On
ME Force Update	2-3 On

Pin Assignment

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

Chassis Intrusion

Pin	Function	Pin	Function
1	PU_CASEOPEN_N	2	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	CLK_48M

JTAG PLD Update

Pin	Assignment	Pin	Assignment
1	3V3SB	2	JTAG_PLD_TDO
3	JTAG_PLD_TDI	4	JTAG_PLD_EN_N

5	JTAG_PLD_RST_N	6	JTAG_PLD_TMS
7	GND	8	JTAG_PLD_TCK

USB 2.0 (USB 8-9)

Pin	Assignment	Pin	Assignment
1	V5USB4	2	V5USB4
3	USB2_HR_USB1_P8_R_N	4	USB2_HR_USB2_P9_R_N
5	USB2_HR_USB1_P8_R_P	6	USB2_HR_USB2_P9_R_P
7	GND	8	GND
9	--	10	N.C.

Front Panel

Pin	Assignment	Pin	Assignment		
1	N.C.	2	3V3SB		
HD-LED	3	3V3	PWR-LED	4	3V3SB
	5	HDLED_N_R		6	PWRLED_N_R
RESET	7	Ground	ATX-SW	8	Ground
	9	FP_RST_BTN_R_N		10	FP_PWR_BTN_R_N
11	N.C.	12	---		

USB 3.1 (USB 5-6)

Pin	Assignment	Pin	Assignment
1	V5USB5	2	USB3_P5_RX_R_N
3	USB3_P5_RX_R_P	4	GND
5	USB3_P5_TX_C_R_N	6	USB3_P5_TX_C_R_P
7	GND	8	USB2_P5_R_N
9	USB2_P5_R_P	10	5V
11	USB2_P6_R_P	12	USB2_P6_R_N
13	GND	14	USB3_P6_TX_C_R_P
15	USB3_P6_TX_C_R_N	16	GND
17	USB3_P6_RX_R_P	18	USB3_P6_RX_R_N
19	V5USB5	20	---

CPU and System Fans

Pin	Assignment
1	Ground
2	12V
3	FAN_TACH_IN_SYS1
4	FAN_PWM_OUT_SYS1

COM port Pin Assignment

Pin	Assignment
1	MDCD1-
2	MRD1
3	MTD1
4	MDTR1-
5	GND
6	MDSR1-
7	MRTS1-
8	MCTS1-
9	MRI1-

SMBus Pin Assignment

Pin	Assignment	Pin	Assignment
1	3V3_AUX	2	GND
3	SMB_HOST_STBY_LVC3_SCL	4	SMB_HOST_STBY_LVC3_SDA
5	PU_PCH_TL_ENABLE_STRAP	6	--

DIO Pin Assignment

Pin	Assignment	Pin	Assignment
1	D_IOA0_C	2	D_IOA8_C
3	D_IOA1_C	4	D_IOA9_C
5	D_IOA2_C	6	D_IOA10_C
7	D_IOA3_C	8	D_IOA11_C
9	D_IOA4_C	10	D_IOA12_C
11	D_IOA5_C	12	D_IOA13_C
13	D_IOA6_C	14	D_IOA14_C
15	D_IOA7_C	16	D_IOA15_C
17	EMI_DIO_GND	18	EMI_DIO_GND
19	EMI_DIO_GND	20	EMI_DIO_GND