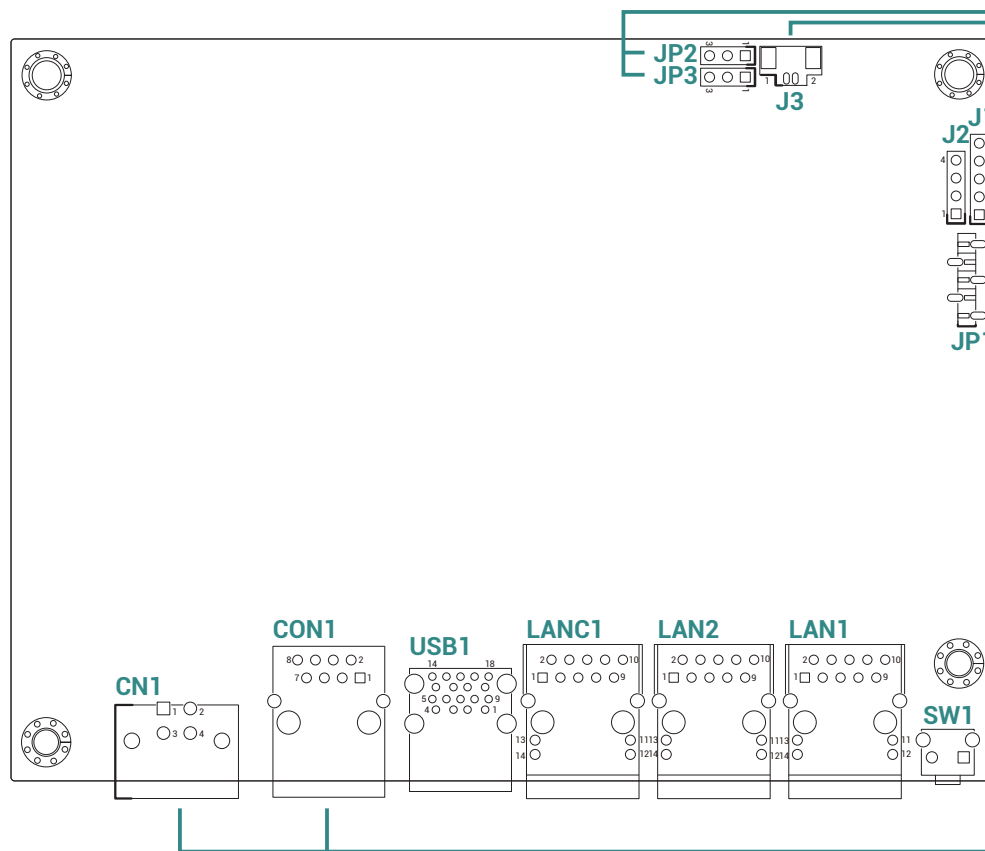


ISA 120 Quick Reference Guide



JP2: CMOS Clear

Pin	Description
1	RTC_RST_N
2	GND
3	NC

JP3: CMOS Clear

Pin	Description
1	SRTC_RST_N
2	GND
3	NC

J3: Coin Battery wire to board Pin Header

Pin	Description
1	GND
2	VBAT

J1: MCU Connector

Pin	Description
1	P3V3_AUX
2	SWCLK
3	GND
4	SWDIO
5	MCU_NRST

J2: MCU Connector

Pin	Description
1	P3V3_AUX
2	DEBUG_UART2_TXD
3	DEBUG_UART2_RXD
4	GND

JP1: Programmable for MCU

Pin	Description
1	MCU1_NMCLR
2	VDD_MCU
3	GND
4	MCU1_PGED
5	MCU1_PGEC

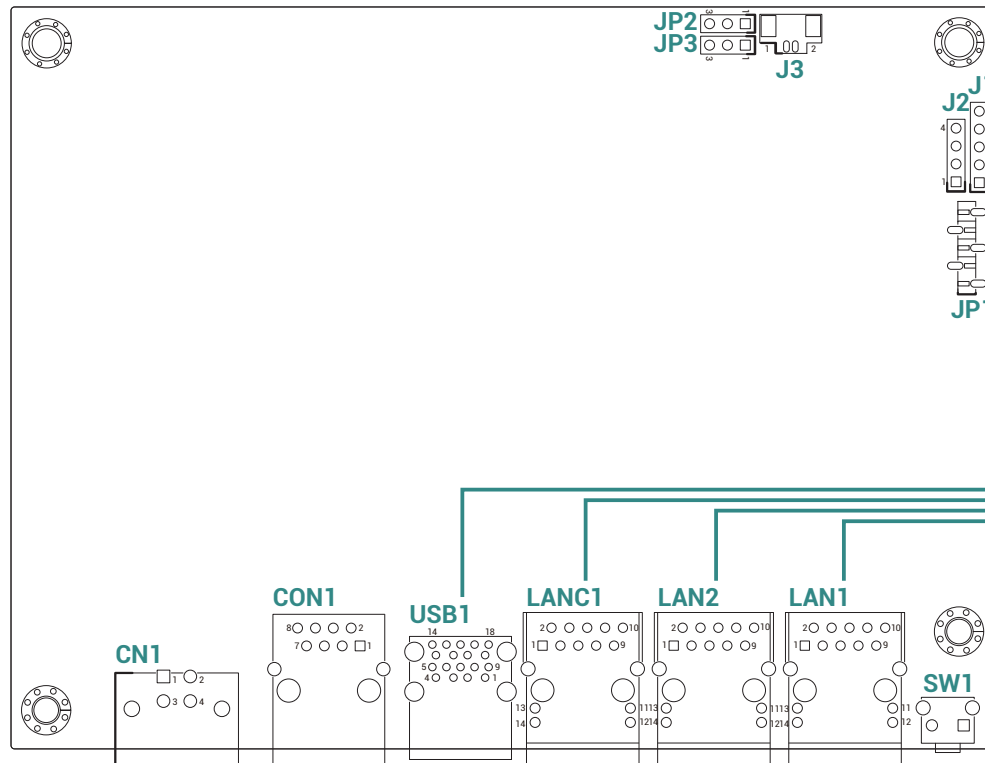
CN1: Power Jack VIN = 12-48V

Pin	Description
1	POWER_IN2
2	PGND
3	POWER_IN1
4	PGND

CON1: Console Port

Pin	Description
1	X
2	X
3	COM_UART_TXD
4	GND
5	X
6	COM_UART_RXD
7	X
8	X
MH1	CHASSIS GND
MH2	CHASSIS GND
NH1	X
NH2	X

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USB1: USB 3.0 Type A 2x1

Pin	Description	Pin	Description
1	P5V_USB3	10	P5V_USB3
2	USB2N0_C	11	USB2N1_C
3	USB2P0_C	12	USB2P1_C
4	GND	13	GND
5	USB3RN0_C	14	USB3RN1_C
6	USB3RP0_C	15	USB3RP1_C
7	GND	16	GND
8	USB3TN0_C	17	USB3TN1_C
9	USB3TP0_C	18	USB3TP1_C
MH1	CHASSIS GND	MH2	CHASSIS GND
MH3	CHASSIS GND	MH4	CHASSIS GND

LANC1: Phone Jack RJ45

Pin	Description	Pin	Description
1	I226_TX0PC	8	I226_TX2NC
2	I226_TX0NC	9	I226_TX3PC
3	I226_TX1PC	10	I226_TX3NC
4	I226_TX1NC	11	P3V3
5	X	12	CI226_LED_ACT#
6	GND	13	CI226_LED_LINK100#
7	I226_TX2PC	14	CI226_LED_LINK1G#

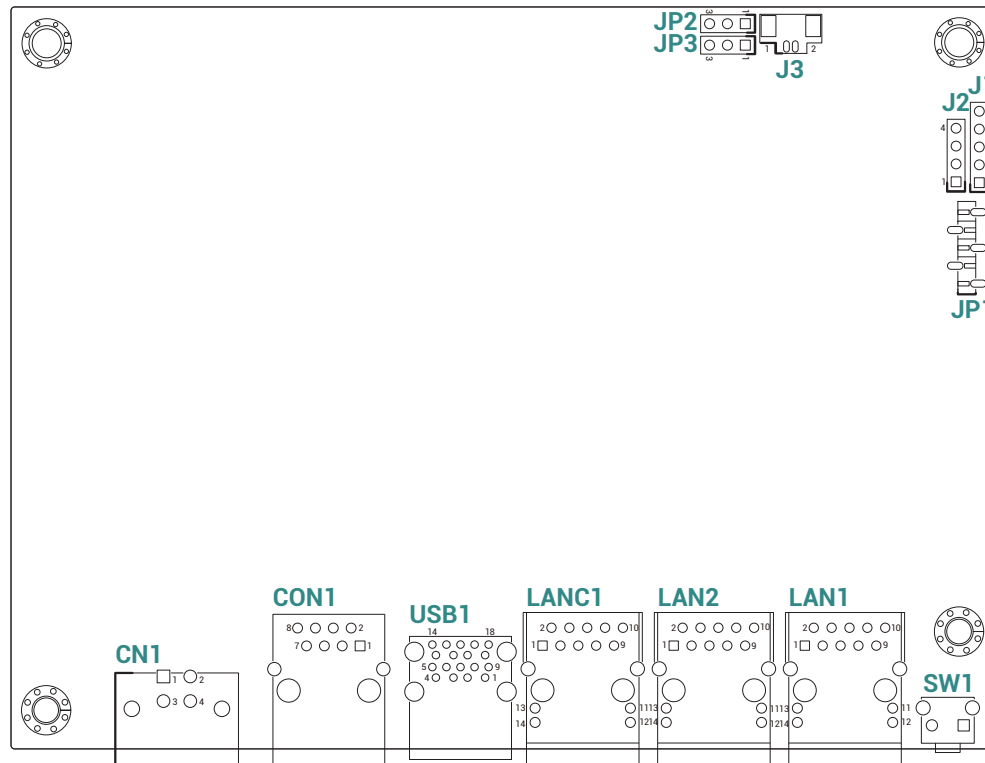
LAN2: Phone Jack RJ45

Pin	Description	Pin	Description
1	I226_TX0PB_C	8	I226_TX2NB_C
2	I226_TX0NB_C	9	I226_TX3PB_C
3	I226_TX1PB_C	10	I226_TX3NB_C
4	I226_TX1NB_C	11	P3V3
5	X	12	LANB_ACT_N
6	GND	13	LANB_L100_N
7	I226_TX2PB_C	14	LANB_L1G_N

LAN1: Phone Jack RJ45

Pin	Description	Pin	Description
1	I226_TX0PA_C	8	I226_TX2NA_C
2	I226_TX0NA_C	9	I226_TX3PA_C
3	I226_TX1PA_C	10	I226_TX3NA_C
4	I226_TX1NA_C	11	P3V3
5	X	12	LANA_ACT_N
6	GND	13	LANA_L100_N
7	I226_TX2PA_C	14	LANA_L1G_N

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SW1: Reset Button

Pin	Description	Pin	Description
1	GND	2	RSTN1_R
3	CHASSIS	4	CHASSIS