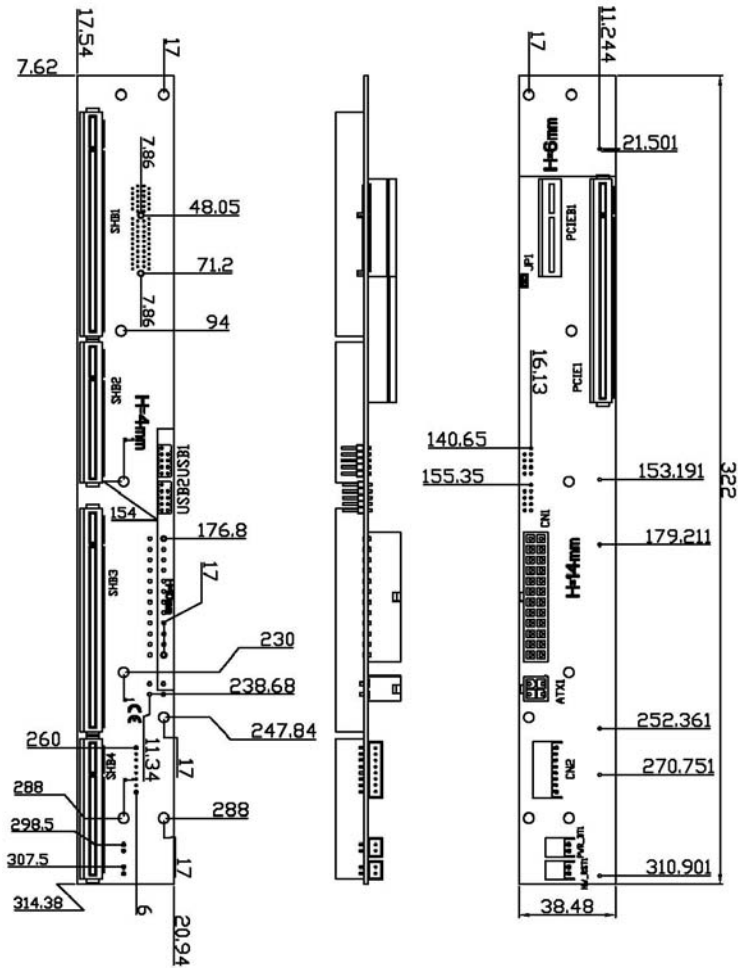


FAB209-3B1 Quick Installation Guide

Board Dimensions



FAB209-3B1 Quick Installation Guide

I. Checklist

- ✓ FAB209-3B1 3-Slot ATX-Supported PICMG 1.3 Bus Backplane x 1
- ✓ Quick Installation Guide x 1

Note1: Please contact your local vendors if any damaged or missing items. DO NOT apply power to the board if any damaged components.

II. Jumper List

Jumper	Description
JP1	Auto Power Button Function Open : Disable(Default)

III. Connectors

Connector	Description
ATX1	4Pin ATX +12V Power connector
CN2	8Pin Power Output Connector
CN1	24Pin ATX Power Connector
USB1	USB 0,1
USB2	USB 2,3
PWR_BT1	ATX Power button connector
HW_RST1	Hardware Reset Connector
SHB1 – SHB4	PICMG 1.3 Full-SIZE SBC Slot
PCIE1	PCIe x16 Slot
PCIEB1	PCIe x4 Slots

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Power Connector (CN1)

PIN	Signal	Cable Color	Pin	Signal	Cable Color
1	3.3V	Brown	13	3.3V	Brown
2	3.3V	Brown	14	-12V	Blue
3	GND	Black	15	GND	Black
4	5V	Red	16	PS_ON	Green
5	GND	Black	17	GND	Black
6	5V	Red	18	GND	Black
7	GND	Black	19	GND	Black
8	PWOK	Orange	20	-5V	White
9	5VSB	Purple	21	5V	Red
10	12V	Yellow	22	5V	Red
11	12V	Yellow	23	5V	Red
12	3.3V	Brown	24	GND	Black

ATX 24P 180D

Power ON/OFF Push Button Connector (PWRBT1)

Pin	Signal
1	PWR_BT
2	GND

Hardware Reset Connector (HWRST1)

Pin	Signal
1	HW_RST
2	GND

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USB Connectors (USB1, USB2)

Pin	Signal	Pin	Signal
1	USB Power	2	USB Power
3	USB P0-	4	USB P1-
5	USB P0+	6	USB P1+
7	USB GND	8	USB GND
		10	GND

4-Pin Power Connector(ATX1)

PIN	Signal	Cable color	PIN	Signal	Cable color
1	GND	Black	3	12V	Yellow
2	GND	Black	4	12V	Yellow

Power Output connector(CN2)

PIN	Signal	PIN	Signal
1	GND	5	-5V
2	GND	6	+5V
3	5VSB	7	-12V
4	+3.3V	8	+12V

SM_bus connector(CN3)

PIN	Signal
1	SM_CLK
2	SM_DAT
3	GND