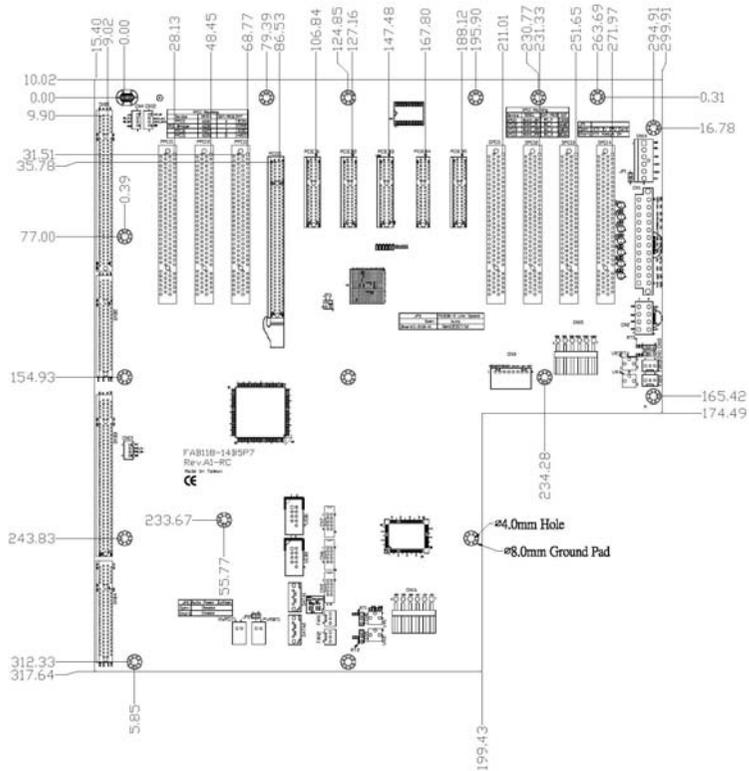


FAB118-14B5P7 Quick Installation Guide

Board Dimensions



FAB118-14B5P7 Quick Installation Guide

I. Checklist

- ✓ FAB118-14B5P7 14-Slot ATX-Supported
- ✓ Quick Installation Guide x 1
- PICMG 1.3 Bus Backplane 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	Open : ATX by CPU Card(default) Short : ATX Power Always On
JP2 (Reserved)	Auto Power Button (Optional) Open : Disable Short : Enable
JP3	PCIEB1-PCIEB5 Link Speed(Gen1/Gen2) Open : Auto (default) Short(1-2)(3-4) : Gen1

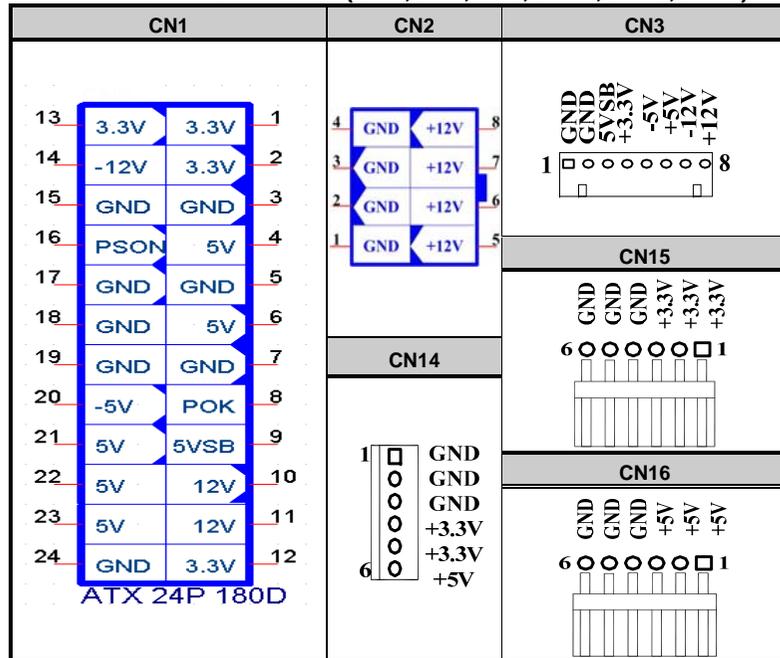
III. Connectors

Connector	Description
CN1	ATX Power Connector
CN2	12V 8Pin(+12V Auxiliary Power Connector)
CN3	8-Pin Power Connector for thermal board
CN4	SM Bus Connector
CN5,CN6,CN7 (Reserved)	COM Ports and DIO Connector (Optional)
CN8,CN9,CN10,CN11(Reserved)	Thermal Sensor Connector for FAN1,FAN2 & FAN3,FAN4(Optional)
CN12	PCIex16 SDVO Control Signal Connector
CN13	IPMB Connector
CN14	+3.3V/5V Auxiliary power Connector
CN15	+3.3V Auxiliary Power Connector
CN16	+5V Auxiliary Power Connector
USB1,USB2	USB 0,1,2,3 Connector
SATA1, SATA2(Reserved)	SATA1,2 Connector(Optional)

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PWRBT1	ATX Power Button Connector
HWRST1	Hardware Reset Connector
FAN1,FAN2,FAN3,FAN4	FAN Connector
SHB1-SHB4	PICMG 1.3 Full-Size SBC Slot
PPCI1-PPCI3;SPCI1-SPCI4	PCI Slots 32-bit/33MHz
PCIE1	X16 PCIe Slot
PCIEB1-PCIEB5	X4 PCIe Slot (Note 2)

Power Connector (CN1;CN2;CN3;CN14;CN15;CN16)



SM Bus Connector (CN4)

Pin	Signal
1	+5V
2	SM_CLK
3	SM_DAT
4	GND

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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

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

FAN Connector (FAN1,FAN2,FAN3,FAN4)

Pin	Signal
1	GND
2	+12V
3	N.C or Rotation Detection (Reserved)

Note 2: Follow by PICMG1.3 standard, The ports for the B[3:0] link are configured to one x4 PCIe. And the x4 PCIe is transferred to five x4PCIe slots (PCIEB1-PCIEB5) via PCIe switch.