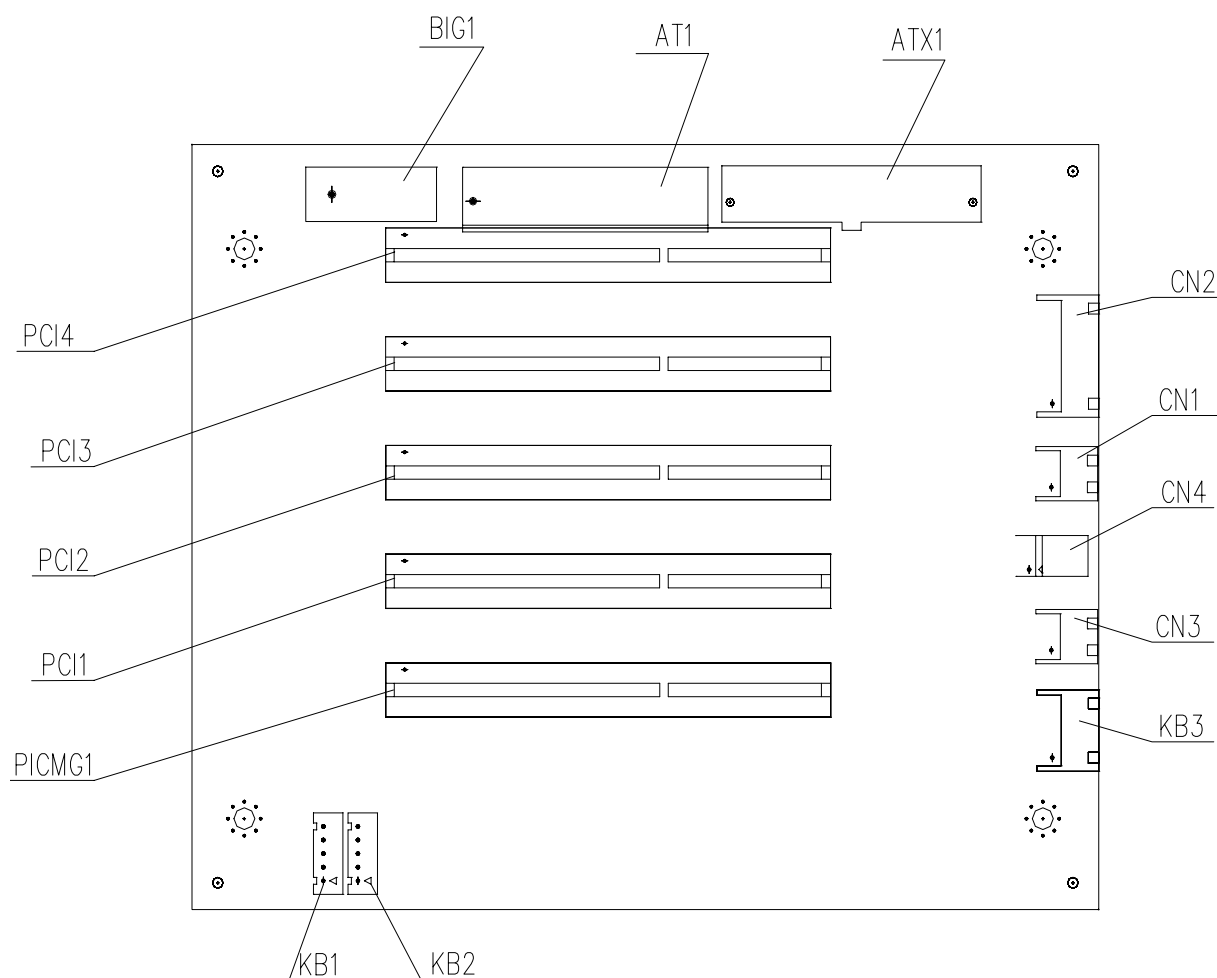


PCA-6105P5-0B1:

5 slot Pure PCI backplane, 5 PCI, Rev. B101-1

1. Connectors

Connector	Description
Master	Half-size PCI connector CPU card PICMG PCI connector
PCI1~PCI4	32 bit PCI slot
KB1	KB-In, from CPU card K/B connector
KB2~KB3	KB-Out, 5 pin external K/B connector
BIG1	Big 4 Pin Power connector
AT1	AT Power
ATX1	ATX Power
CN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector
CN2	8 pin Alarm Board Power connector
CN3	3 pin +5V and +12V Power connector
CN4	3 pin +12V DC Fan connector (reserved)



PN: 200K610510

2. Connector Pin Definition

BIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	VCC

AT1	
Pin	Name
1	NC
2	VCC
3	+12V
4	-12V
5	GND
6	GND
7	GND
8	GND
9	-5V
10	VCC
11	VCC
12	VCC

KB1~KB3	
Pin	Name
1	KB-CLK
2	KB-DATA
3	NC
4	KB-GND
5	KB-VCC

CN1	
Pin	Name
1	PS-ON
2	GND
3	5VSB

CN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	VCC
6	+3.3V
7	-12V
8	+12V

CN3	
Pin	Name
1	+12V
2	GND
3	VCC

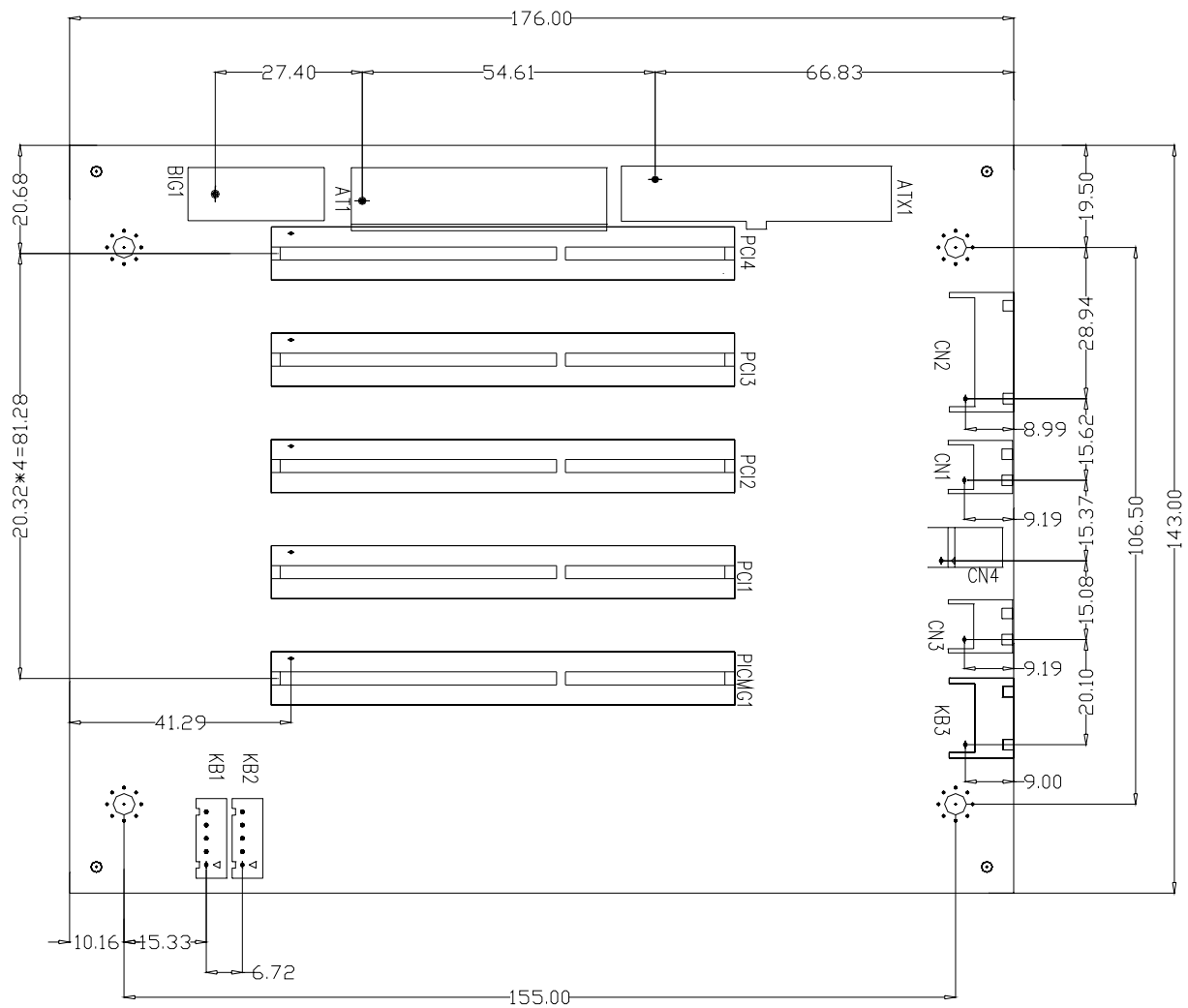
CN4	
Pin	Name
1	GND
2	+12V
3	NC

ATX1	
Pin	Name
1	+3.3V
2	+3.3V
3	GND
4	+5V
5	GND
6	+5V
7	GND
8	NC
9	5VSB
10	+12V
11	+3.3V
12	-12V
13	GND
14	PS-ON
15	GND
16	GND
17	GND
18	-5V
19	+5V
20	+5V

3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PCI1	AD31	INTB	INTC	INTD	INTA
PCI2	AD30	INTC	INTD	INTA	INTB
PCI3	AD29	INTD	INTA	INTB	INTC
PCI4	AD28	INTA	INTB	INTC	INTD

4. Mechanical Dimension



5. Note

- * Support for 3.3V PCI card when ATX power supply is used.
- * No 3.3V is available when AT power supply is used.