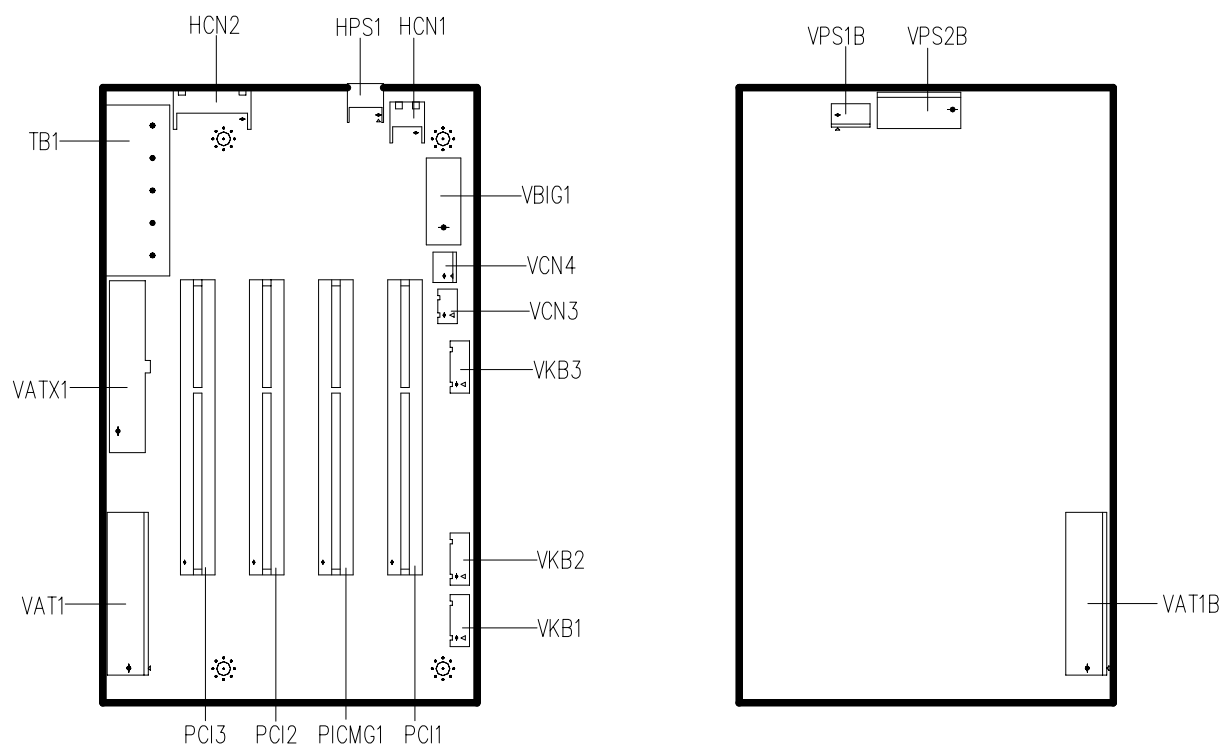


PCA-6104P4: 4 slot Pure PCI backplane, 4 PCI, Rev. B101-1

1. Connectors

Connector	Description
CPU	CPU Card connector (PICMG)
PCI1~PCI3	32 bit PCI slot
VKB1~VKB3	KB-In, from CPU card K/B connector (180'p)
VBIG1	Big 4 Pin Power connector (180'p)
VAT1	AT Power connector(180'p)
VAT1B	AT Power connector (back, 180D) (Optional)
VATX1	ATX Power(180'p)
HCN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector(90'p)
HCN2	8 pin Alarm Board Power connector (90'p)
VCN3	3 pin +5V and +12V Power connector(reserved)(180'p) (Optional)
VCN4	3 pin +12V DC Fan connector (reserved)(180'p) (Optional)
HPS1	Extend Power Connector(reserved)(90'p) (Optional)
HPS2	Extend Power Connector(reserved)(90'p) (Optional)
VPS1B	Extend Power Connector(reserved)(90'p) (Optional)
VPS2B	Extend Power Connector(reserved)(90'p) (Optional)
TB1	Extend Power Connector



PN: 200K610410

2. Connector Pin Definition

VBIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	+5V

VAT1; VAT1B (Optional)	
Pin	Name
1	NC
2	+5V
3	+12V
4	-12V
5	GND
6	GND
7	GND
8	GND
9	-5V
10	+5V
11	+5V
12	+5V

VKB1~VKB3	
Pin	Name
1	KB-CLK
2	KB-DATA
3	NC
4	KB-GND
5	KB-VCC

HPS1,VPS1B ;(Optional)	
Pin	Name
1	+12V
2	GND
3	GND
4	+5V

HCN1	
Pin	Name
1	PS-ON
2	GND
3	5VSB

HCN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	+5V
6	+3.3V
7	-12V
8	+12V

VCN3 (Optional)	
Pin	Name
1	+12V
2	GND
3	+5V

VCN4 (Optional)	
Pin	Name
1	GND
2	+12V
3	NC

HPS2 (Optional)	
Pin	Name
1	+12V
2	-12V
3	GND
4	GND
5	+5V
6	+5V

VATX1	
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

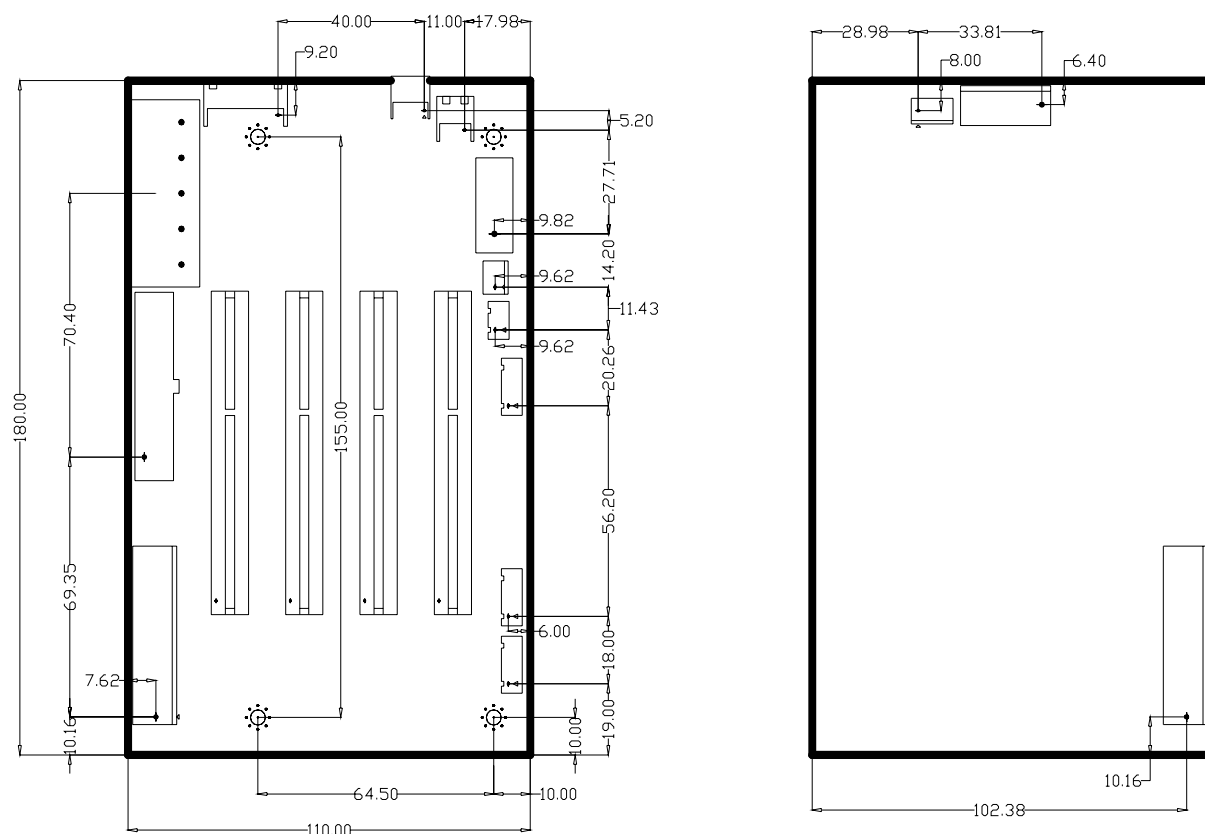
TB1	
Pin	Name
1	+5V
2	-5V
3	-12V
4	+12V
5	GND

VPS2B (Optional)	
Pin	Name
1	+5V
2	+5V
3	GND
4	GND
5	-12V
6	+12V

3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PPCI1	AD30	INTC	INTD	INTA	INTB
PPCI2	AD29	INTD	INTA	INTB	INTC
PPCI3	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.