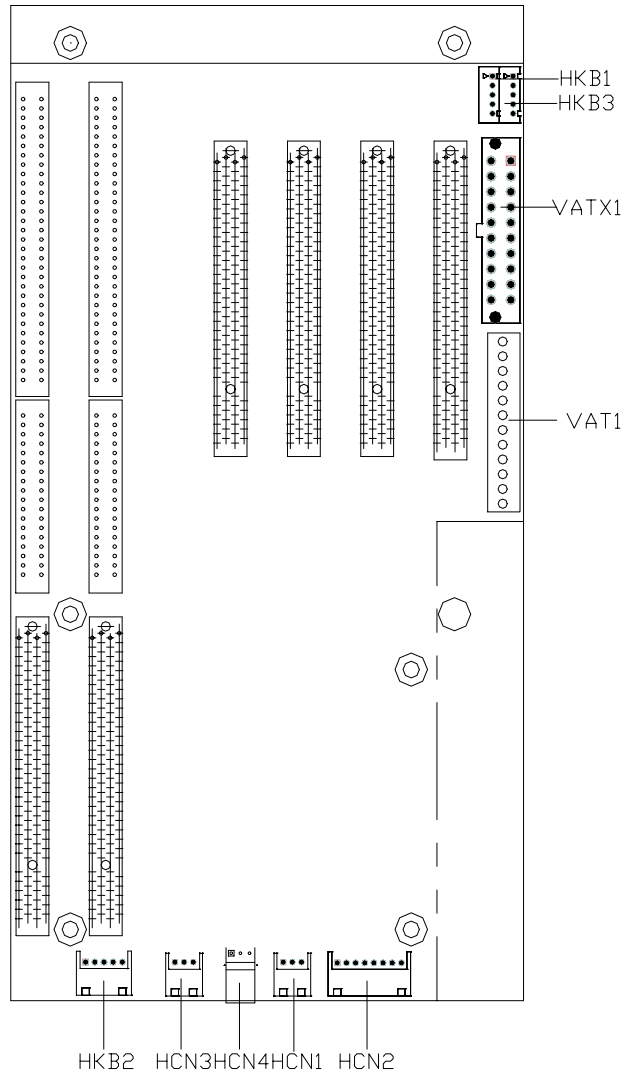


# PCA-6106P4-0A1:

6 slot PICMG Backplane, 4 PCI, 2 PICMG Rev. A 101



# 1.Connectors

Connector	Description
ISAA1 , ISAA2	ISA connector for PICMG slot (PCI slot is PICMGA1,PICMGA3)
PICMG1,PICMG2	PCI connector for PICMG slot (PCI slot is PICMGB2,PICMGB3)
PCI1~PCI4	32 bit PCI slot
VKBA1	KB-In, from CPU card K/B connector
VKBA2,HKBA3	KB-Out, 5 pin external K/B connector
VAT1	AT Power connector
VATX1	ATX Power
HCN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector
HCN2	8 pin Alarm Board Power connector
HCN3	3 pin +5V and +12V Power connector
HCN4	3 pin +12V DC Fan connector

## 2. Connector Pin Definition:

VKBA1, VKBA2, HKBA3;	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

VAT1	
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

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

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

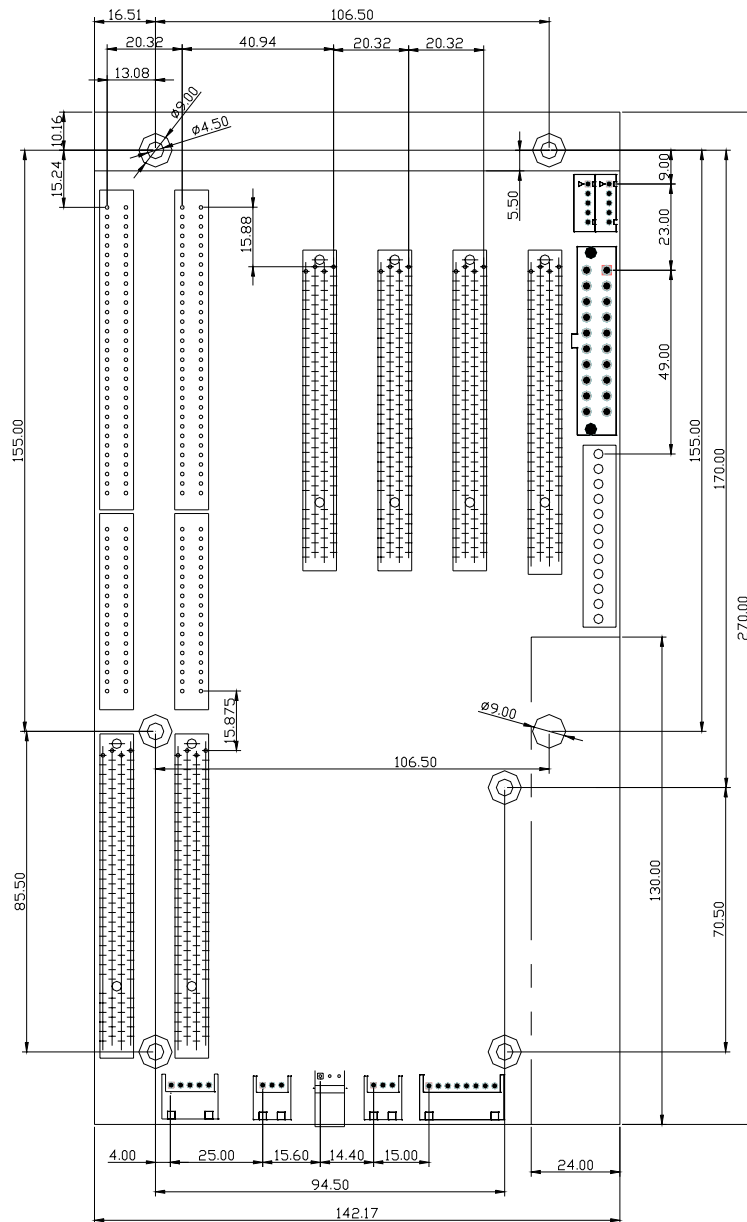
HCN3	
Pin	Name
1	+12V
2	GND
3	+5V

HCN4	
Pin	Name
1	GND
2	+12V
3	NC

### 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



## 6. Note

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