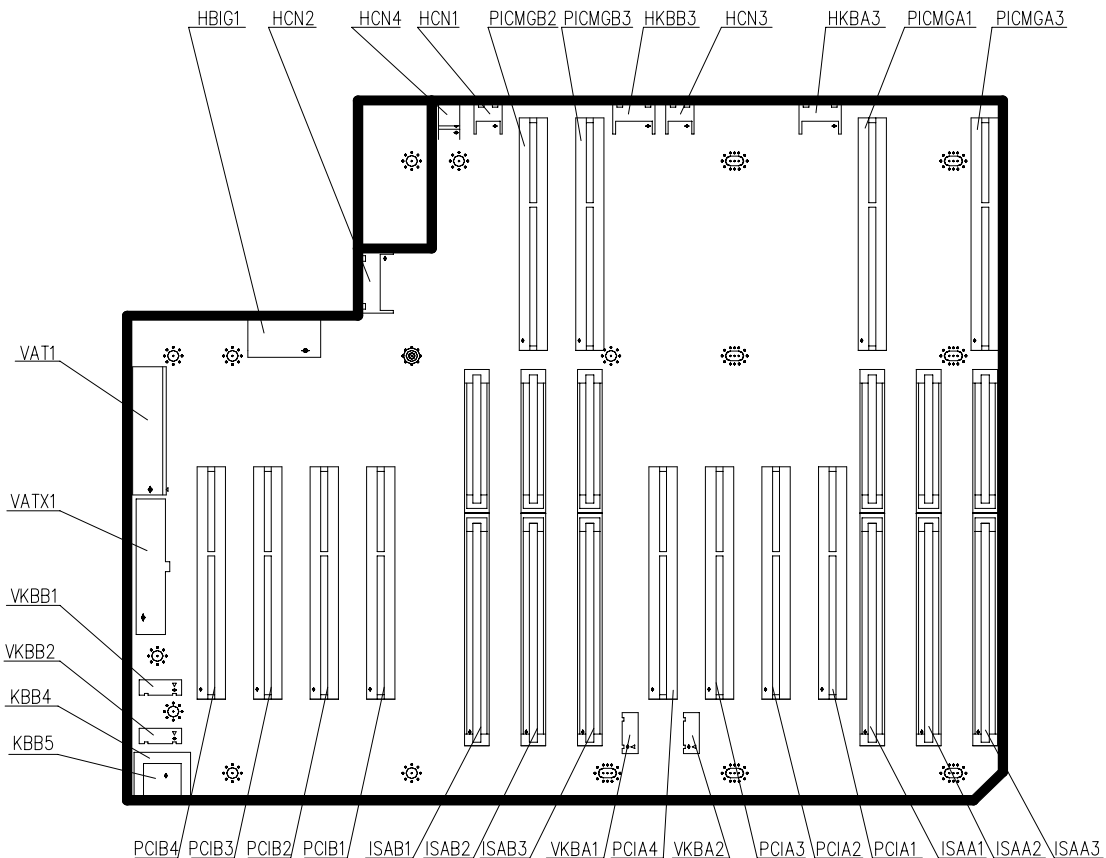


# PCA-6113DP4-0A2E:

13 slot Dual Segment BP, 2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI, Rev. A 201-1

## 1.Connectors

Connector	Description
ISAA2	16 Bit ISA Bus connector (System A)
ISAA1 , ISAA3	PICMG connector (System A) (PCI slot is PICMGA1,PICMGA3)
PICMGA1,PICMGA3	PICMG connector (PCI slot is PICMGA1,PICMGA3)
PCIA1~PCIA4	32 bit PCI slot (System A)
ISAB1	16 Bit ISA Bus connector (System B)
ISAB2~ISAB3	PICMG connector (System B) (PCI slot is PICMGB2,PICMGB3)
PICMGB2,PICMGB3	PICMG connector (PCI slot is PICMGB2,PICMGB3)
PCIB1~PCIB4	32 bit PCI slot (System B)
VKBA1	KB-In, from CPU card K/B connector (System A) (180°)
VKBA2,HKBA3	KB-Out, 5 pin external K/B connector (System A)
KBB4	AT Keyboard Connector (reserved)
KBB5	PS2 Keyboard Connector (reserved)
VKBB1	KB-In, from CPU card K/B connector (System B) (180°)
VKBB2,HKBB3	KB-Out, 5 pin external K/B connector (System B)
HBIG1	Big 4 Pin Power connector (90°)
VAT1	AT Power connector (180°)
VATX1	ATX Power connector (180°)
HCN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector (90°)
HCN2	8 pin Alarm Board Power connector (90°)
HCN3	3 pin +5V and +12V Power connector (90°)
HCN4	3 pin +12V DC Fan connector (reserved) (90°) (Optional)



## 2. Connector Pin Definition:

VKBA1-VKBA2,HKBA3; VKBB1-VKBB2,HKBB3,KBB4,KBB5	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

HBIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	+5V

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

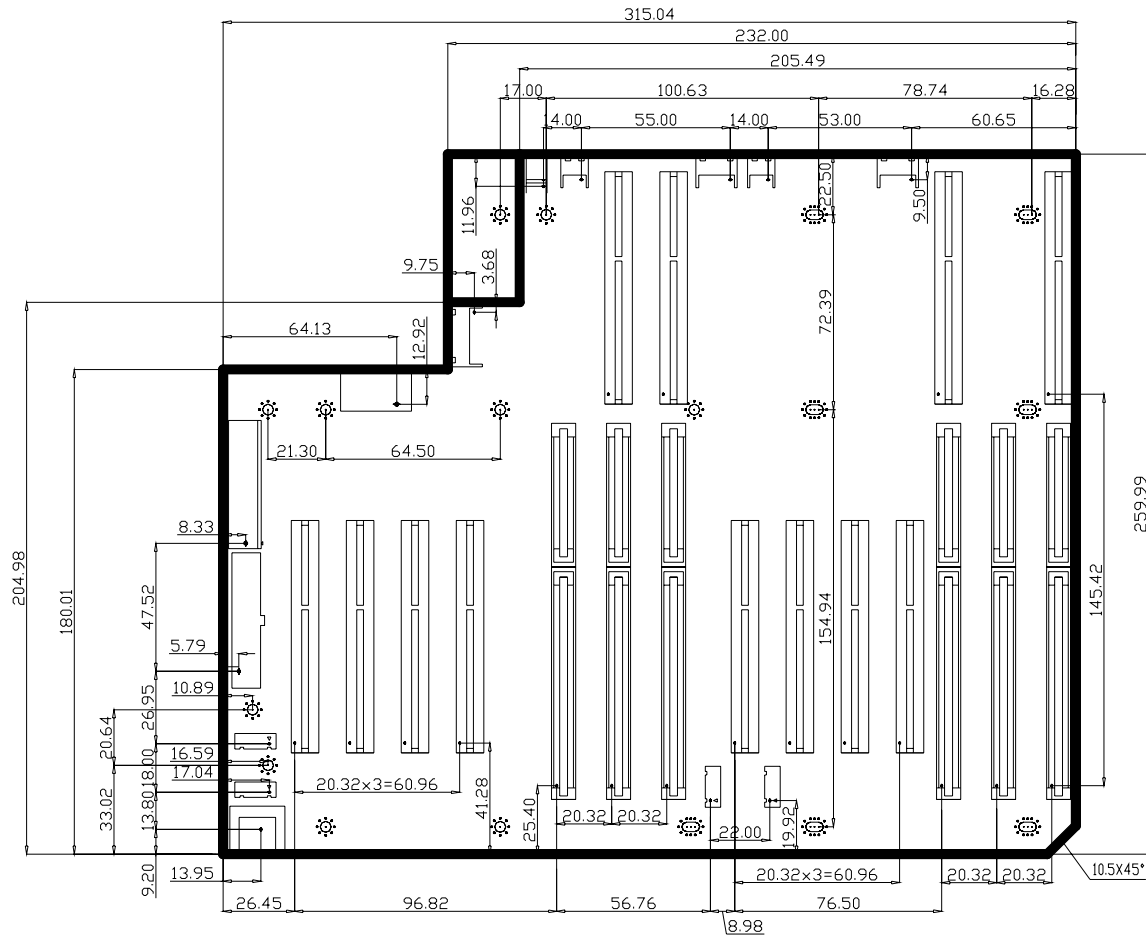
## 3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PCIA1	AD31	INTB	INTC	INTD	INTA
PCIA2	AD30	INTC	INTD	INTA	INTB
PCIA3	AD29	INTD	INTA	INTB	INTC
PCIA4	AD28	INTA	INTB	INTC	INTD
PCIB1	AD31	INTB	INTC	INTD	INTA
PCIB2	AD30	INTC	INTD	INTA	INTB
PCIB3	AD29	INTD	INTA	INTB	INTC
PCIB4	AD28	INTA	INTB	INTC	INTD

## 4. Detachable Board

Depending on chassis usage, users may need to remove the detachable board along the dotted lines.

## 5. 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.