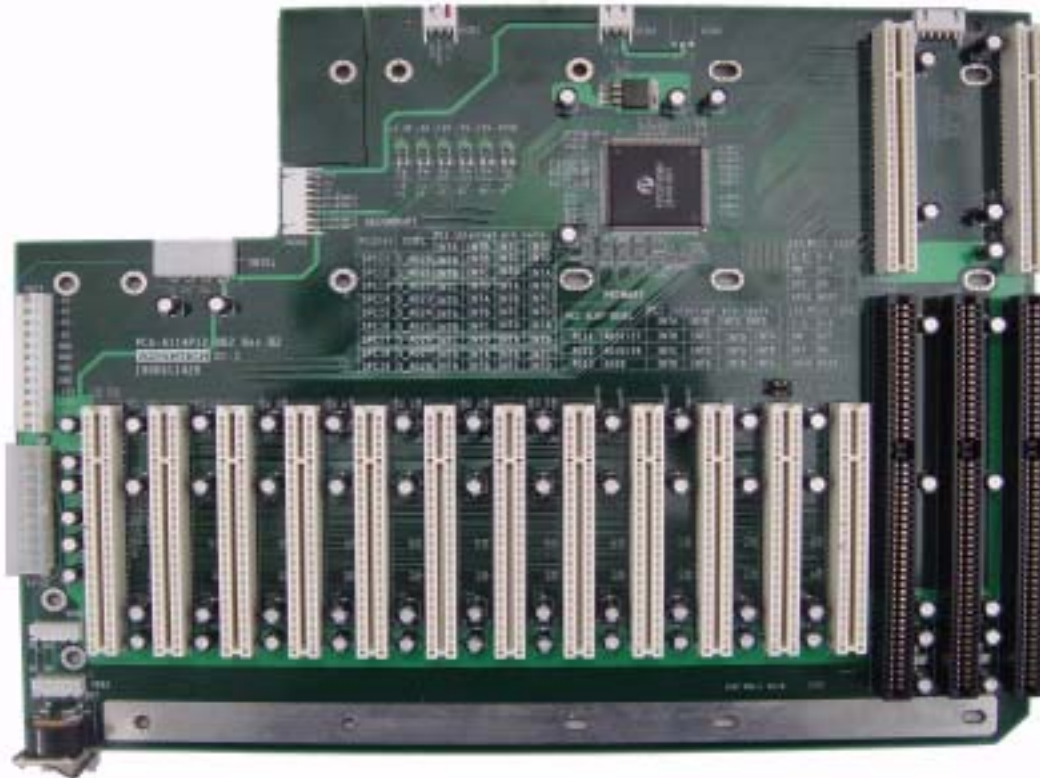


PCA-6114P12-0B2:

14 slot PICMG BP, 1 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI Rev. B2



1.Connectors

Connector	Description
ISA2	16 Bit ISA Bus connector
ISA1 , ISA3	PICMG connector (PCI slot is PICMG1,PICMG3)
PICMG1,PICMG3	PICMG connector (PCI slot is PICMG1,PICMG3)
PPCI1-PCI3	32 bit PCI slot (Primary group)
SPCI1-SPCI19	32 bit PCI slot (Secondary group)
VKB1	KB-In, from CPU card K/B connector (180'p)
VKB2	KB-Out, from CPU card K/B connector (180'p)
HKB3	KB-Out, 5 pin external K/B connector (90'p)
KB4	KB-Out, External connector
VAT	Main AT Power connector supply +/-5v,+/-12v power (180'p)
VATX	Main ATX Power connector supply +/-3.3v,+/-5v,+/-12v, 5vSB power(180'p)
HBIG	Big 4 Pin connector supply auxiliary +5v,+12v power(90'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)
HCN3	3 pin +5V +12V Power connector (90'p)
HCN4	+12V DC Fan connector (reserver) (90'p)

2. Connector Pin Definition:

VKB1,VKB2,HKB3,KB4	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

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

VAT	
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

VATX	
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

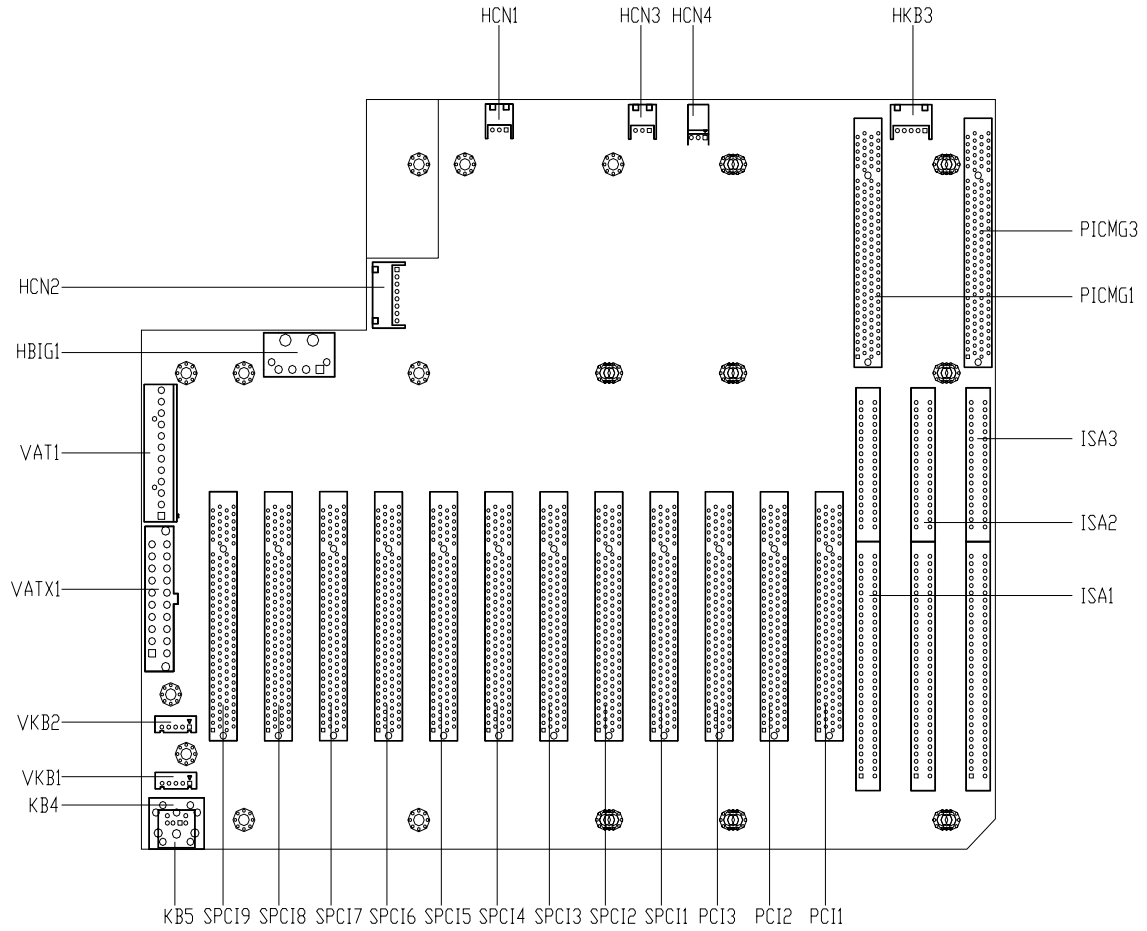
HCN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	+5V
6	+3.3V
7	-12V
8	+12V

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

HCN4 (Optional)	
Pin	Name
1	GND
2	+12V
3	NC

J11: PCI1 IDSEL	
1-2	3-4
ON	OFF
OFF	ON
AD31	AD27

J12: PCI2 IDSEL	
1-2	3-4
ON	OFF
OFF	ON
AD30	AD26

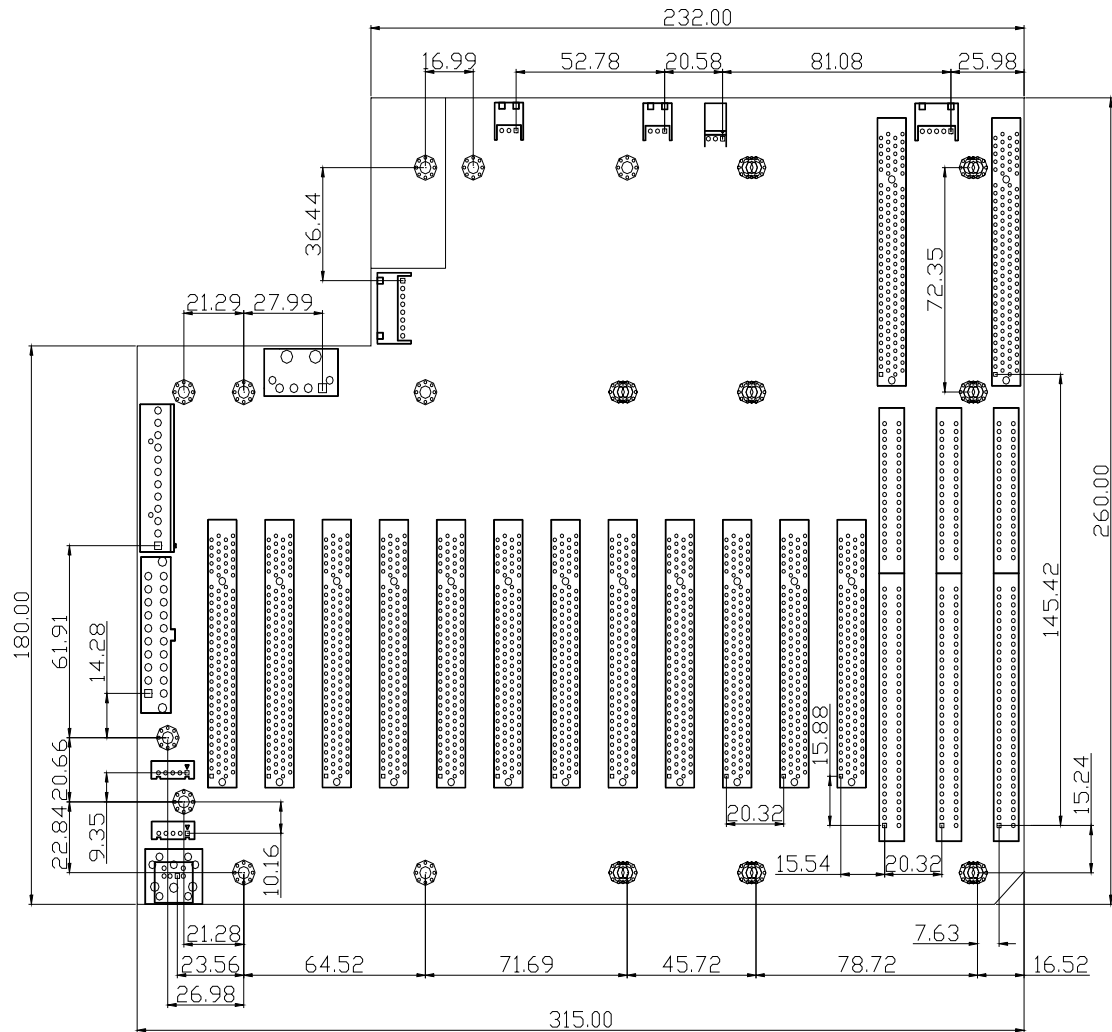


PN:200K611450

3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PPCI1	AD31/27	INTB	INTC	INTD	INTA
PPCI2	AD30/26	INTC	INTD	INTA	INTB
PPCI3	AD29	INTD	INTA	INTB	INTC
SPCI1	S_AD20	INTA	INTB	INTC	INTD
SPCI2	S_AD21	INTB	INTC	INTD	INTA
SPCI3	S_AD22	INTC	INTD	INTA	INTB
SPCI4	S_AD23	INTD	INTA	INTB	INTC
SPCI5	S_AD24	INTA	INTB	INTC	INTD
SPCI6	S_AD25	INTB	INTC	INTD	INTA
SPCI7	S_AD26	INTC	INTD	INTA	INTB
SPCI8	S_AD27	INTD	INTA	INTB	INTC
SPCI9	S_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.