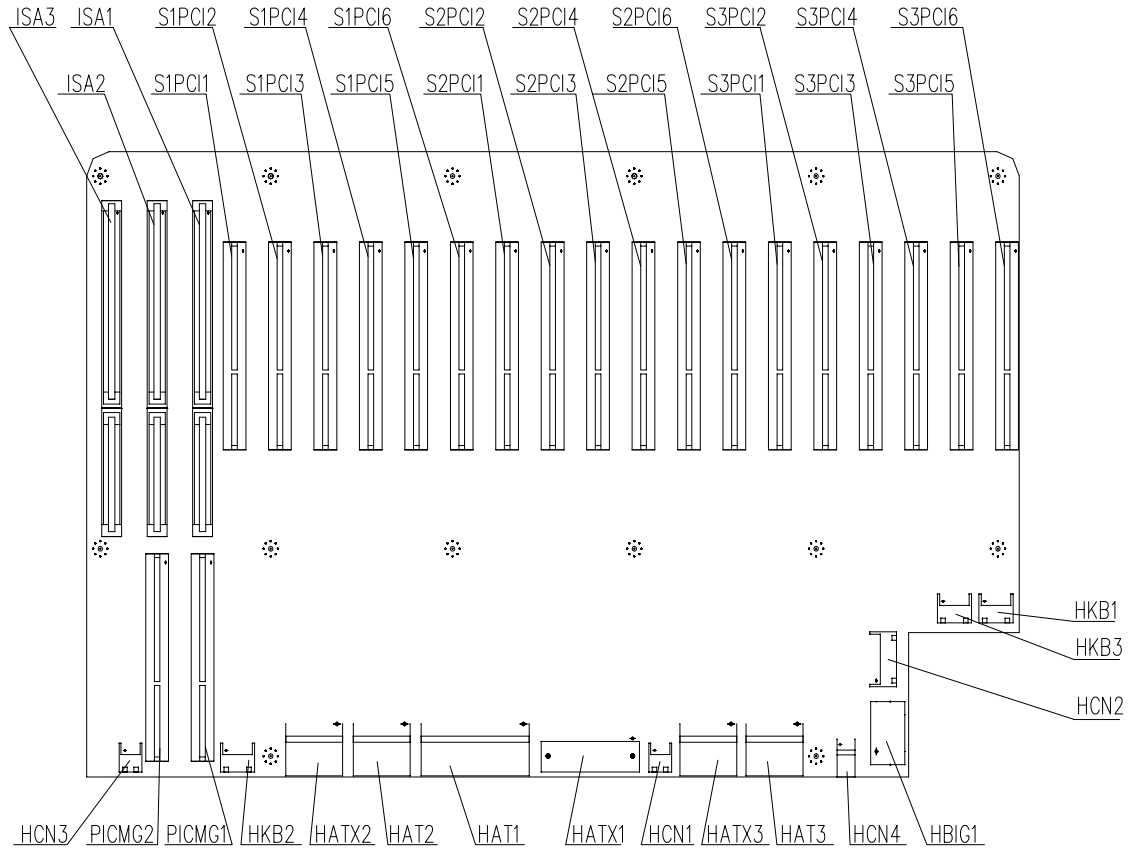


# PCA-6120P18-0A1:

20 Slot PICMG backplane, 1 ISA, 17 PCI, 1 PICMG, 1 PICMG/PCI Rev. A101-2



## 1. Connectors

Connector	Description
S1PCI1~S1PCI6	32 bit PCI slot
S2PCI1~S2PCI6	32 bit PCI slot
S3PCI1~S3PCI6	32 bit PCI slot
ISA1~ISA2	PICMG connector
ISA3	16 bit ISA slot
HKB1	KB-In, from CPU card K/B connector
HKB2~HKB3	KB-Out, 5 pin external K/B connector
HBIG1	4 PIN connector
HAT1	AT Power connector
HAT2	5V power connector
HAT3	3.3V power connector
HATX1	ATX Power (reserved)
HATX2	5V power connector
HATX3	3.3V power connector
HCN1	PS-ON Function, to CPU card for ATX power signal, 3 pin connector (reserved)
HCN2	8 pin Alarm Board Power connector
HCN3	3 pin +5V and +12V power connector
HCN4	3 pin +12V DC Fan connector (reserved)

## PN:200K6120B0

## 2. Connector Pin Definition

HAT1	
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

HKB1~HKB3	
Pin	Name
1	KB_CLK
2	KB_DATA
3	NC
4	KB_GND
5	KB_VCC

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

HAT2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

HCN1(Reserved)	
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(Reserved)	
Pin	Name
1	GND
2	+12V
3	NC

HAT3	
Pin	Name
1	+3.3V
2	+3.3V
3	+3.3V
4	GND
5	GND
6	GND

HATX1(Reserved)	
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

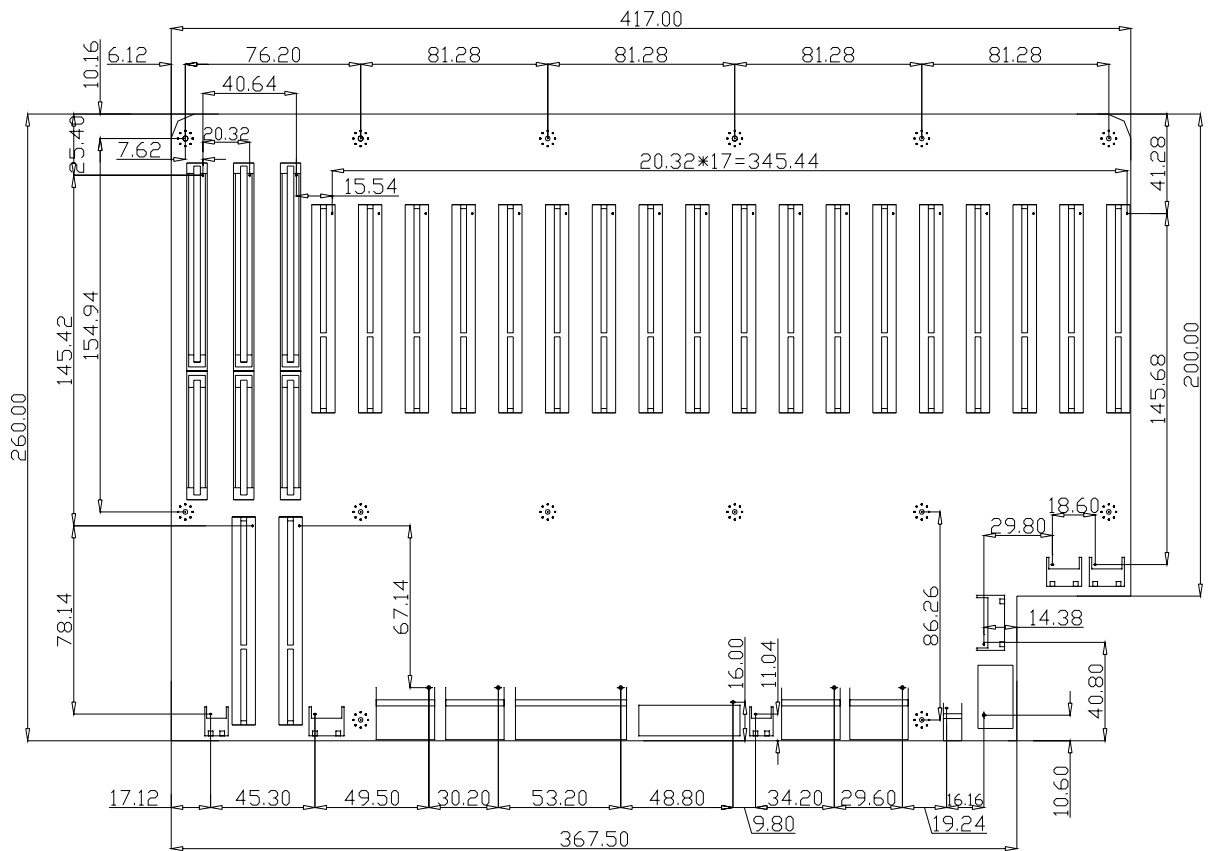
HATX2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

HATX3	
Pin	Name
1	+3.3V
2	+3.3V
3	+3.3V
4	GND
5	GND
6	GND

### 3.PCI Routing Table

PCI Slot	IDSEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
S1PCI1	1S_AD21	INTA	INTB	INTC	INTD
S1PCI2	1S_AD22	INTB	INTC	INTD	INTA
S1PCI3	1S_AD23	INTC	INTD	INTA	INTB
S1PCI4	1S_AD24	INTD	INTA	INTB	INTC
S1PCI5	1S_AD25	INTA	INTB	INTC	INTD
S1PCI6	1S_AD26	INTB	INTC	INTD	INTA
S2PCI1	2S_AD20	INTA	INTB	INTC	INTD
S2PCI2	2S_AD21	INTB	INTC	INTD	INTA
S2PCI3	2S_AD22	INTC	INTD	INTA	INTB
S2PCI4	2S_AD23	INTD	INTA	INTB	INTC
S2PCI5	2S_AD24	INTA	INTB	INTC	INTD
S2PCI6	2S_AD25	INTB	INTC	INTD	INTA
S3PCI1	3S_AD20	INTA	INTB	INTC	INTD
S3PCI2	3S_AD21	INTB	INTC	INTD	INTA
S3PCI3	3S_AD22	INTC	INTD	INTA	INTB
S3PCI4	3S_AD23	INTD	INTA	INTB	INTC
S3PCI5	3S_AD24	INTA	INTB	INTC	INTD
S3PCI6	3S_AD25	INTB	INTC	INTD	INTA

## 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.