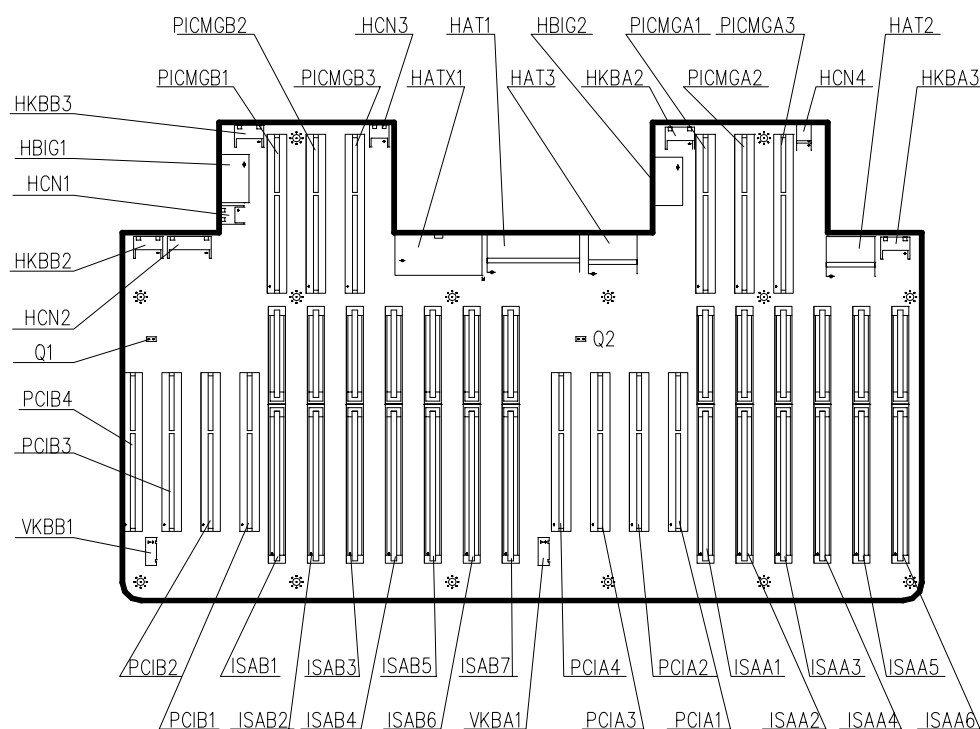


PCA-6120DP4-0B1:

19 slot Dual Segment BP, 7 ISA, 8 PCI, 4PICMG, 2 PICMG/PCI, Rev. B 101-3

1.Connectors

Connector	Description
ISAA1~ISAA3	PICMG connector
ISAA4~ISAA7	16 Bit ISA Bus connector(System A)
PICMGA1~PICMGA3	PICMG connector
PCIA1~PCIA4	32 bit PCI slot (System A)
ISAB1~ISAB3	PICMG connector (System B)
ISAB4~ISAB6	16 Bit ISA Bus connector (System B)
PICMGB1~PICMGB3	PICMG connector
PCIB1~PCIB4	32 bit PCI slot (System B)
VKBA1	KB-In, from CPU card K/B connector (System A)
HKBA2	KB-Out, 5 pin external K/B connector (System A)
HKBA3	KB-Out, 5 pin external K/B connector (System A)
VKBB1	KB-In, from CPU card K/B connector (System B)
HKBB2	KB-Out, 5 pin external K/B connector (System B)
HKBB3	KB-Out, 5 pin external K/B connector (System B)
HBIG1	Big 4 Pin Power connector
HBIG2	Big 4 Pin Power connector
HAT1	AT Power connector
HAT2	5V power connector
HAT3	3.3V power connector
HATX1	ATX Power (reserved)
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: 200K612090

2. Connector Pin Definition:

VKBA1, HKBA2, HKBA3; VKBB1, HKBB2, HKBB3	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

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

HBIG2	
Pin	Name
1	+12V
2	GND
3	GND
4	VCC

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

HATX1	
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

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

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

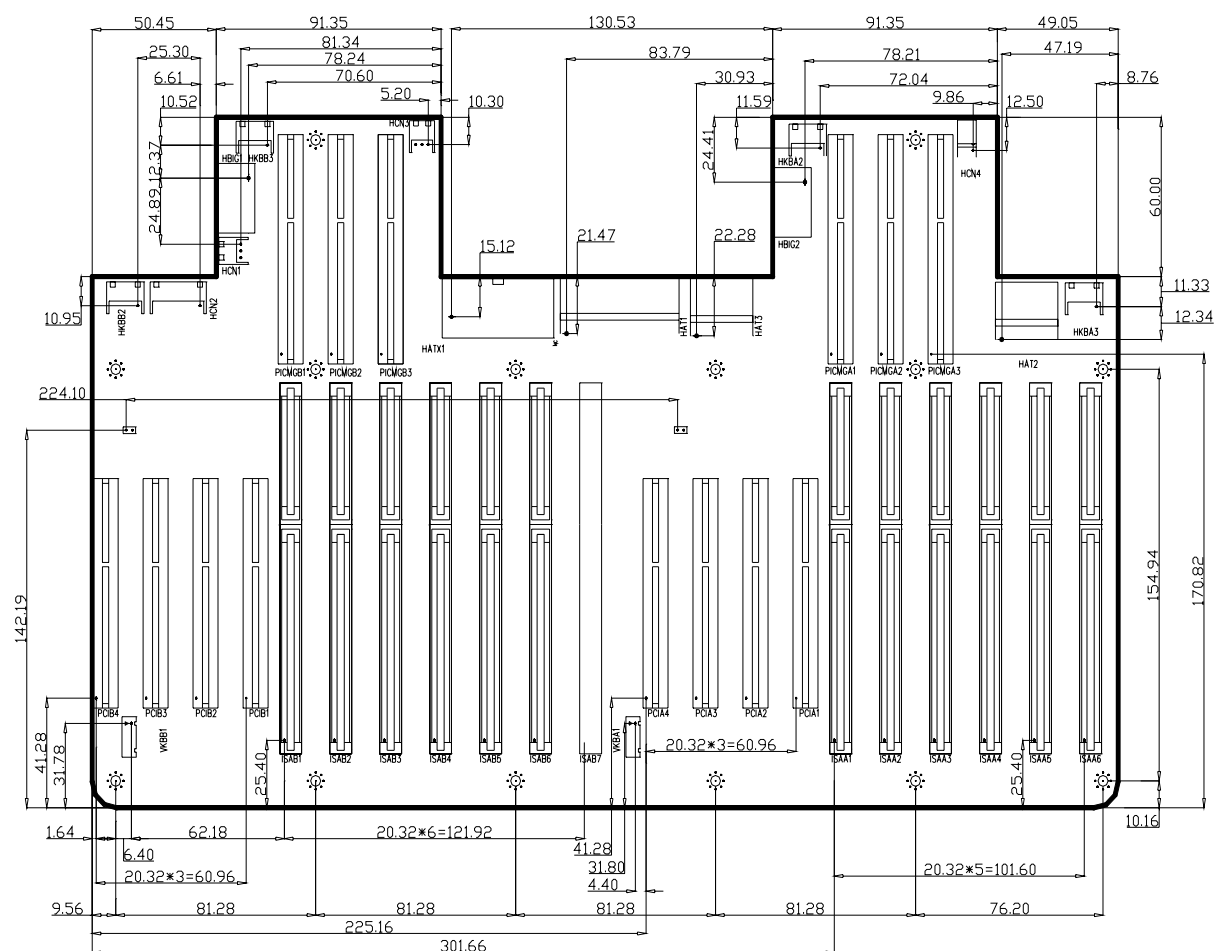
HCN4	
Pin	Name
1	GND
2	+12V
3	+5V

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

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. 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.