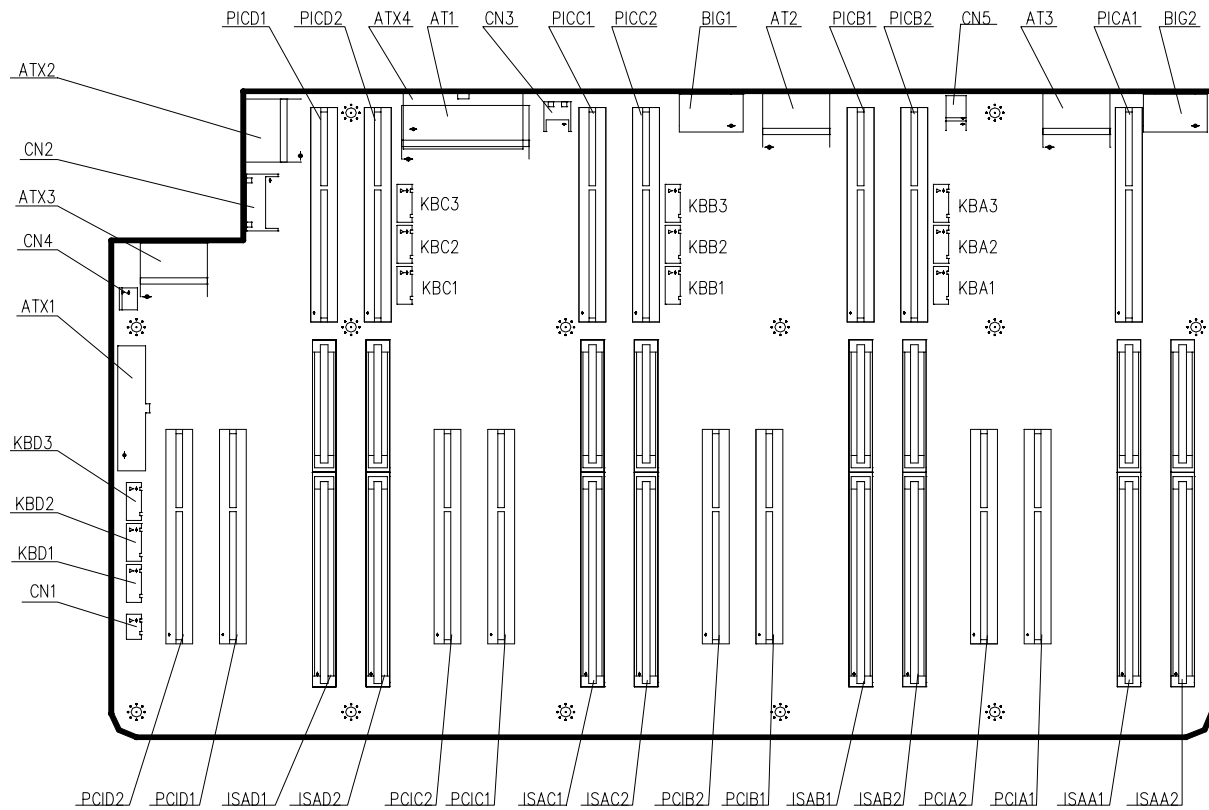


PCA-6116QP2-0B1:

16 Slot Quad Segment backplane, 1 ISA, 8 PCI, 7 PICMG Rev.B101-2



PN: 200K611600

1. Connectors

Connector	Description
ISAA1	PICMG connector (System A)
ISAA2	16 Bit ISA Bus connector (System A)
PICMGA1	PICMG connector
PCIA1~PCIA2	32 bit PCI slot (System A)
ISAB1~ISAB2	PICMG connector (System B)
PICMGB1~PICMGB2	PICMG connector
PCIB1~PCIB2	32 bit PCI slot (System B)
ISAC1~ISAC2	PICMG connector (System C)
PICMGC1~PICMGC2	PICMG connector
PCIC1~PCIC2	32 bit PCI slot (System C)
ISAD1~ISAD2	PICMG connector (System D)
PICMGD1~PICMGD2	PICMG connector
PCID1~PCID2	32 bit PCI slot (System D)
KBA1	KB-In, from CPU card K/B connector (System A)
KBA2~KBA3	KB-Out, 5 pin external K/B connector (System A)
KBB1	KB-In, from CPU card K/B connector (System B)
KBB2~KBB3	KB-Out, 5 pin external K/B connector (System B)
KBC1	KB-In, from CPU card K/B connector (System C)
KBC2~KBC3	KB-Out, 5 pin external K/B connector (System C)
KBD1	KB-In, from CPU card K/B connector (System D)
KBD2~KBD3	KB-Out, 5 pin external K/B connector (System D)
BIG1	Big 4 Pin Power connector 90D
BIG2	Big 4 Pin Power connector 90D
AT1	AT Power connector
AT2	5V power connector
AT3	3.3V power connector
ATX1	ATX Power (reserved)
ATX2	5V power connector
ATX3	3.3V power connector
ATX4	ATX Power (reserved)
CN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector (reserved)
CN2	8 pin Alarm Board Power connector
CN3	3 pin +5V and +12V Power connector
CN4	3 pin +12V DC Fan connector (reserved)
CN5	3 pin +12V DC Fan connector (reserved)

2. Connector Pin Definition

AT1	
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

KB1~KB3(KBA~KBD)	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

BIG1~BIG2	
Pin	Name
1	+12
2	GND
3	GND
4	+5V

AT2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

AT3	
Pin	Name
1	+3.3V
2	+3.3V
3	+3.3V
4	GND
5	GND
6	GND

CN1	
Pin	Name
1	PS-ON
2	GND
3	5VSB

CN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	+5V
6	+3.3V
7	-12V
8	+12V

CN3	
Pin	Name
1	+12V
2	GND
3	+5V

CN4	
Pin	Name
1	GND
2	+12V
3	+5V

CN5	
Pin	Name
1	GND
2	12V
3	NC

ATX1,ATX4	
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

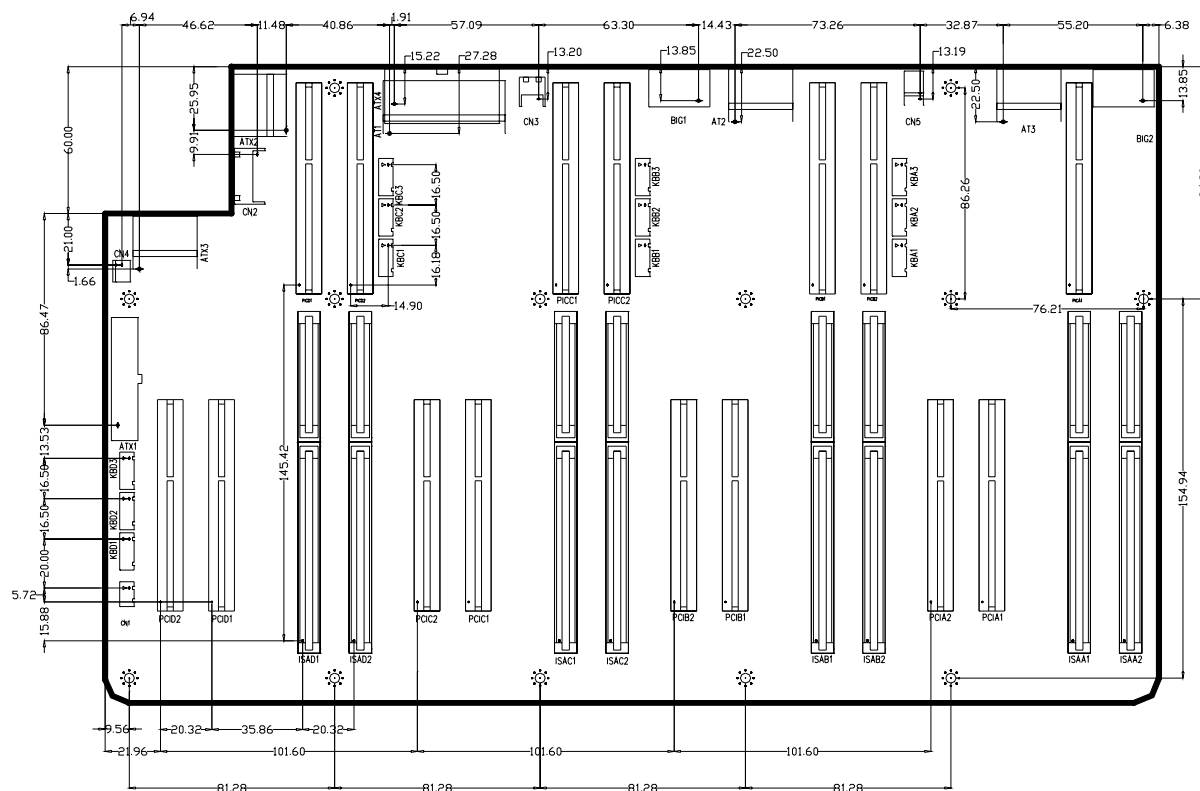
ATX2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

ATX3	
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
PCIA1	AD29	INTD	INTA	INTB	INTC
PCIA2	AD28	INTA	INTB	INTC	INTD
PCIB1	AD29	INTD	INTA	INTB	UNTC
PCIB2	AD28	INTA	INTB	INTC	INTD
PCIC1	AD29	INTD	INTA	INTB	INTC
PCIC2	AD28	INTA	INTB	INTC	INTD
PCID1	AD29	INTD	INTA	INTB	INTC
PCID2	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.