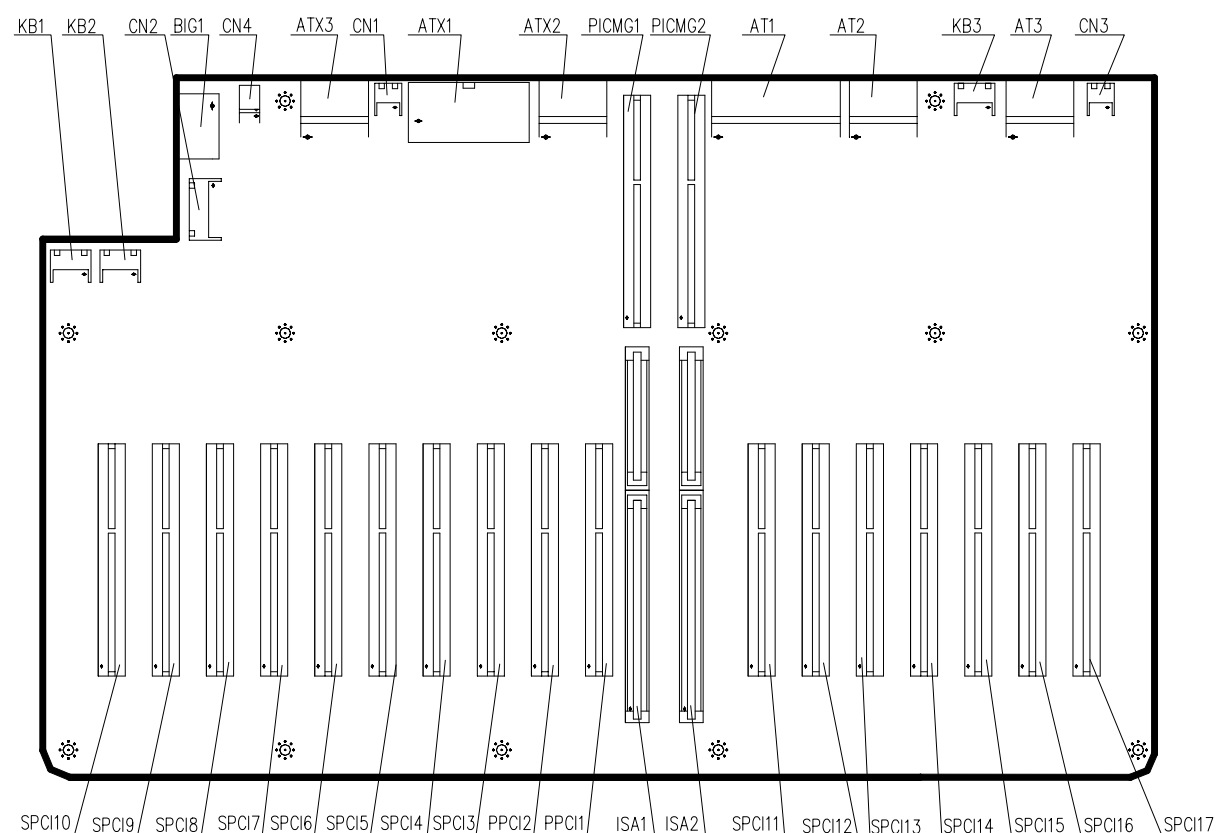


PCA-6119P17-0B1:

18 Slot PICMG backplane, 16 PCI, 1 PICMG, 1 PICMG/PCI Rev. B101-2



1. Connectors

Connector	Description
ISA1~ISA2	PICMG connector
PICMG1~PICMG2	PICMG connector
PPC11~PPC12	32 bit PCI slot (Primary PCI Group)
SPC13~ SPC117	32 bit PCI slot (Secondary PCI Group)
KB1	KB-In, from CPU card K/B connector
KB2~KB3	KB-Out, 5 pin external K/B connector
BIG1	Big 4 Pin Power connector
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
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)

PN:200K611910

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	VCC
11	VCC
12	VCC

KB1~KB3	
Pin	Name
1	KB_CLK
2	KB_DATA
3	NC
4	KB_GND
5	KB_VCC

BIG1	
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

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	NC

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

ATX1	
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

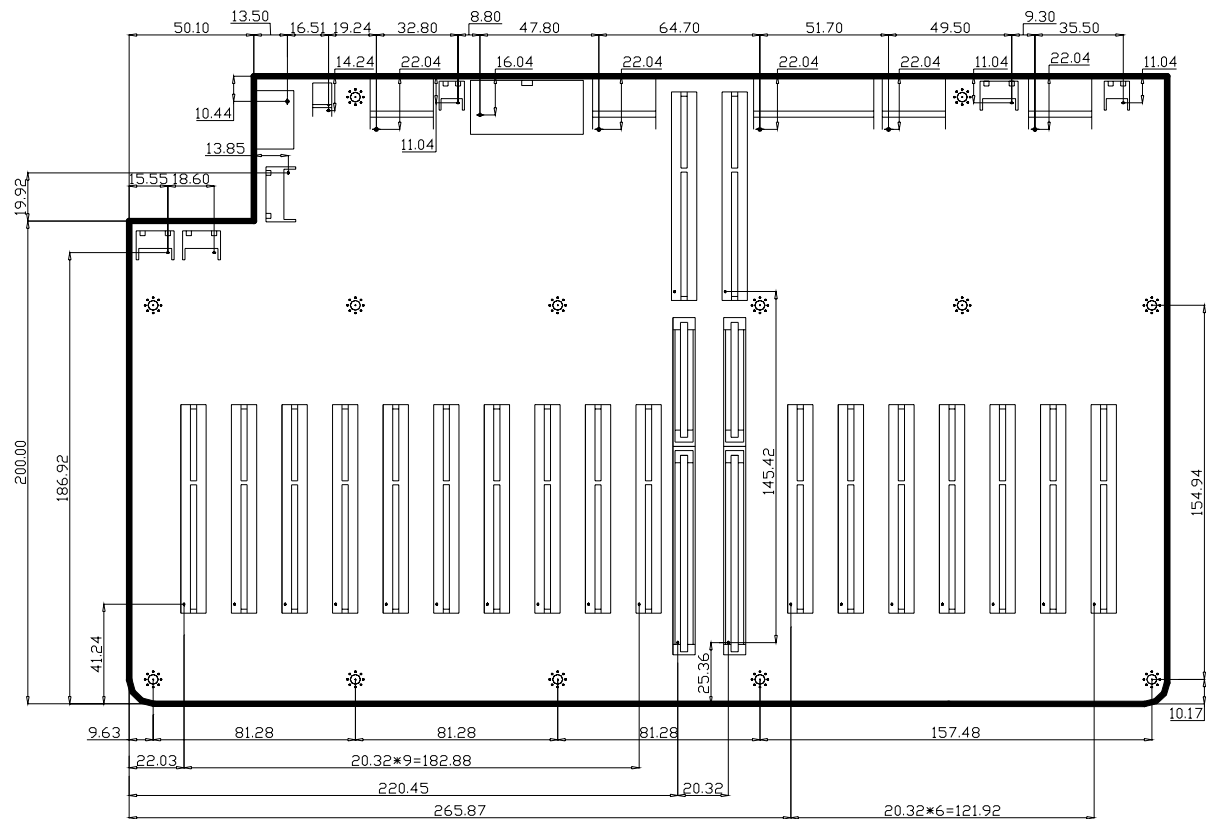
ATX2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

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
PPCI1	P_AD31	INTB	INTC	INTD	INTA
PPCI2	P_AD30	INTC	INTD	INTA	INTB
SPCI3	S1_AD20	INTA	INTB	INTC	INTD
SPCI4	S1_AD21	INTB	INTC	INTD	INTA
SPCI5	S1_AD22	INTC	INTD	INTA	INTB
SPCI6	S1_AD23	INTD	INTA	INTB	INTC
SPCI7	S1_AD24	INTA	INTB	INTC	INTD
SPCI8	S1_AD25	INTB	INTC	INTD	INTA
SPCI9	S1_AD26	INTC	INTD	INTA	INTB
SPCI10	S1_AD27	INTD	INTA	INTB	INTC
SPCI11	S2_AD20	INTD	INTA	INTB	INTC
SPCI12	S2_AD21	INTA	INTB	INTC	INTD
SPCI13	S2_AD22	INTB	INTC	INTD	INTA
SPCI14	S2_AD23	INTC	INTD	INTA	INTB
SPCI15	S2_AD24	INTD	INTA	INTB	INTC
SPCI16	S2_AD25	INTA	INTB	INTC	INTD
SPCI17	S2_AD26	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.