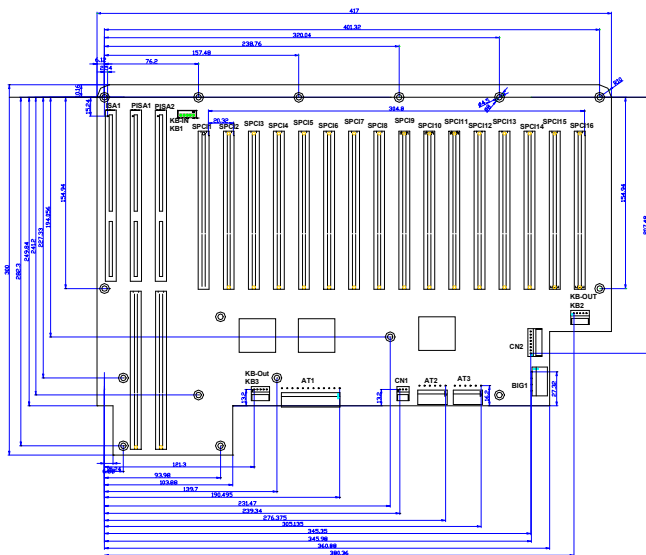


# PCA-6119P16X:

Description: 19-slot 64bit backplane 1CPU/ 16 PCI/ 2 ISA Rev. A1-01  
 size:300 x 417mm



## 1. Connectors

Connector	Description
ISA1	16 Bit ISA Bus connector
SPC1 ~ SPC4	Group A 64bit/66MHz (Secondary)
SPC5 ~ SPC7	Group B 64bit/66MHz (Secondary)
SPC8 ~ SPC16	Group C 64bit/33MHz (Third)
PICMG1-PICMG2	PICMG connector
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
ATX	Reserved
CN1	PS-ON Function, to CPU card for ATX power signal, 3 pin connector
CN2	8 pin Alarm Board Power Connector
J1	Group A VIO select 3.3V/5V
J2	Group B VIO select 3.3V/5V
J3	Group C VIO select 3.3V/5V
J4	Primary VIO select 3.3V/5V
JJ1	Primary 33/66 Mhz Selection
JJ2	Group A 33/66 Mhz Selection
JJ3	Group B 33/66 Mhz Selection

## 2. Connector Pin Definition

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

BIG1	
PIN	Name
1	+12V
2	GND
3	GND
4	+5V

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

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

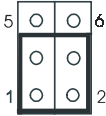
KB-1/KB-2/KB-3	
PIN	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

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

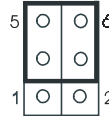
AT3	
PIN	Name
1	+3.3V
2	+3.3V
3	+3.3V
4	GND
5	GND
6	GND

### 3. Jumper Setting

#### Secondary VIO Select (J1/J2/J3)

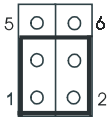


VIO set to +5V (default setting)

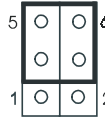


VIO set to +3.3V

#### Primary VIO Select (J4)



VIO set to +5V



VIO set to +3.3V (default setting)

#### 33/66 MHz Select (JJ1/JJ2/JJ3)



ON: 33MHz



OFF: 66MHz (default setting)

### 4. PCI Routing table

Secondary PCI Group A (66MHz)					
PCI Slot	IDSEL	PCI interrupt Pin Route			
SPC1	AD28	INTA	INTB	INTC	INTD
SPC2	AD31	INTD	INTA	INTB	INTC
SPC3	AD30	INTC	INTD	INTA	INTB
SPC4	AD29	INTB	INTC	INTD	INTA

Secondary PCI Group B (66MHz)					
PCI Slot	IDSEL	PCI interrupt Pin Route			
SPC15	AD30	INTA	INTB	INTC	INTD
SPC16	AD29	INTD	INTA	INTB	INTC
SPC17	AD28	INTC	INTD	INTA	INTB

Secondary PCI Group C (33MHz)					
PCI Slot	IDSEL	PCI interrupt Pin Route			
SPC8	AD30	INTB	INTC	INTD	INTA
SPC9	AD29	INTA	INTB	INTC	INTD
SPC10	AD28	INTD	INTA	INTB	INTC
SPC11	AD27	INTC	INTD	INTA	INTB
SPC12	AD26	INTB	INTC	INTD	INTA
SPC13	AD25	INTA	INTB	INTC	INTD
SPC14	AD24	INTD	INTA	INTB	INTC
SPC15	AD23	INTC	INTD	INTA	INTB
SPC16	AD22	INTB	INTC	INTD	INTA

**Part Number: 2002611941**