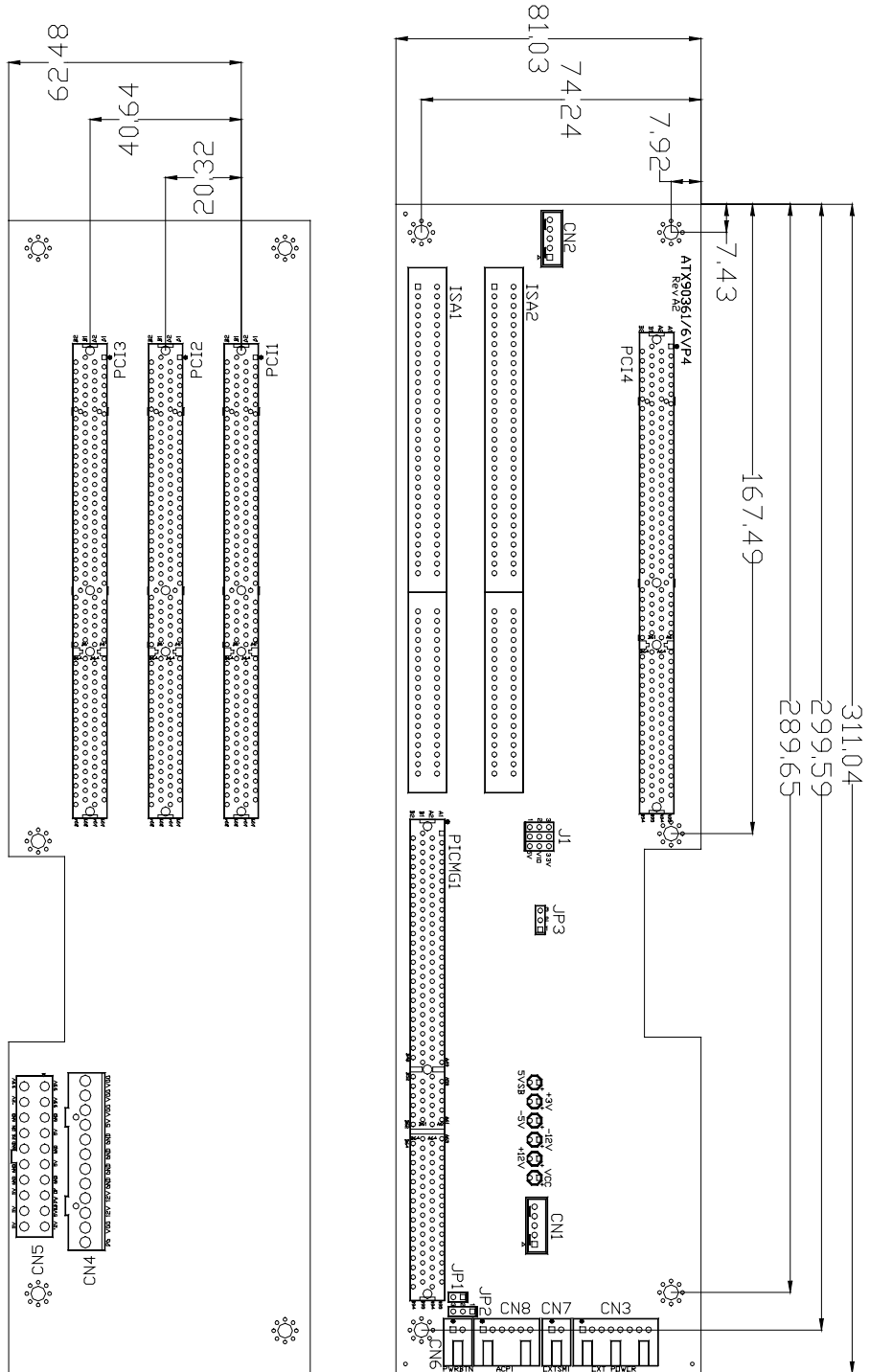
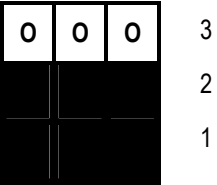
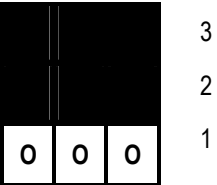


I. Board Dimension



II. Connectors & Settings

Embedded Control Logic Settings

Jumper	Description
JP1	<p>Open: System power ON/OFF via JP2</p> <p>Short: System power always ON</p>
JP2	<p>Short 1-2: System power ON/OFF either by front panel power button CN6 or via ACPI compliant Microsoft Windows software</p> <p>Short 2-3: System power ON/OFF via front panel power button CN6</p>
CN7	External SMI connector to front panel
CN8	6-pin cable to CPU card; used for Microsoft Windows Soft-power ON/OFF (ACPI compliant)
CN6	Power ON/OFF push button connector to front panel
J1	<p>PCI VIO : PCI1~PCI4 VIO select 3.3V / 5V</p> <p>VIO = 5V , short row 1 & 2 (Default)</p>  <p>VIO = 3.3V , short row 2 & 3</p>  <p>Attention :</p> <p>The setting of voltage is based on the PCI Add-On card used, and at the same time to adjust J1 and green slot-inserting according to the label in the PCI slot. It may cause short circuit or unpredictable result if the adjustment is not properly set. If you could not identify the voltage of PCI Add-On card, please not to adjust default setting of J1 and green slot-inserting.</p>

III. Pin Assignments

20-pin ATX Power Connector: CN5

Brown	3.3V	11	1	3.3V	Brown
Blue	-12V	12	2	3.3V	Brown
Black	GND	13	3	GND	Black
Green	PS-ON	14	4	5V	Red
Black	GND	15	5	GND	Black
Black	GND	16	6	5V	Red
Black	GND	17	7	GND	Black
White	-5V	18	8	PW-OK	Orange
Red	5V	19	9	5VSB	Purple
Red	5V	20	10	12V	Yellow

Standard Power Connector: CN4

Pin	Signal	P8 & P9 Color
1	NC (P.G.)	Orange
2	+5V _{DC}	Red
3	+12V _{DC}	Yellow
4	-12V _{DC}	Blue
5-8	GND	Black
9	-5V _{DC}	White
10	+5V _{DC}	Red
11-12	+5V _{DC}	Red

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4 PCI / 1 PICMG / 1 ISA Backplane

Output Power Connectors: CN3

1	2	3	4	5	6	7	8
G	G	5	3	-	+	-	+
N	N	V	.	5	5	1	1
D	D	S	3	V	V	2	2
		B	V			V	V

Keyboard Connectors: CN1, CN2

1	KBCLK
2	KBDATA
3	No Connector
4	GND
5	Vcc

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