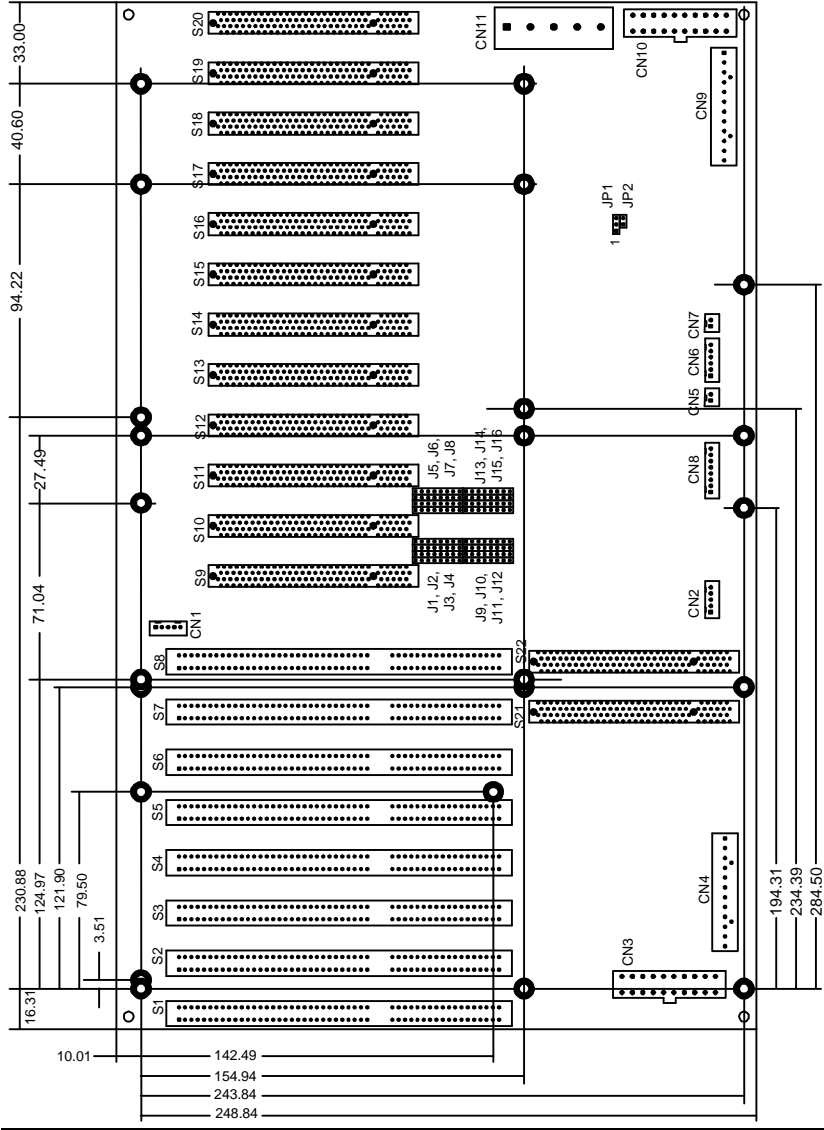


# ATX6022/20G User's Manual

## 3 PCI / 2 PICMG Quad System Segmented Backplane

### I. Board Dimensions



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**II. Jumper Settings & Connectors**

Onboard PCI-to-PCI Bridge Controller Settings

Jumper	PCI-to-PCI Bridge	P-PCI1 (S9)	P-PCI2 (S10)	P-PCI3 (S11)
J1, J2, J3, J4 (default)	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#
J5, J6, J7, J8	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#
J9, J10, J11, J12	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#
J13, J14, J15, J16	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#

Embedded Control Logic Settings

Jumper	Description
JP2	<b>Open:</b> System power ON/OFF via JP1 <b>Short:</b> System power ON/OFF via power supply switch
JP1	<b>Short 1-2:</b> System power ON/OFF either by front panel power button CN5 or via ACPI compliant Microsoft Windows software <b>Short 2-3:</b> System power ON/OFF via front panel power button CN5
CN5	Power ON/OFF push button connector to front panel
CN6	6-pin cable to CPU card; used for Microsoft Windows Soft-power ON/OFF (ACPI compliant)
CN7	External SMI connector to front panel

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**III. Pin Assignments**

20-pin ATX Power Connectors: CN3, CN10

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

Standard Power Connector: CN4, CN9

Pin	Signal	P8 & P9 Color
1	NC (P.G.)	orange
2	+5V <sub>DC</sub>	red
3	+12V <sub>DC</sub>	yellow
4	-12V <sub>DC</sub>	blue
5-8	GND	black
9	-5V <sub>DC</sub>	white
10	+5V <sub>DC</sub>	red
11-12	+5V <sub>DC</sub>	red

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Output Power  
Connectors: CN8

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

Keyboard Connectors:  
CN1, CN2

1	KBCLK
2	KBDATA
3	No Connector
4	GND
5	Vcc

Power Terminal Block:  
CN11

1	+5V
2	-5V
3	-12V
4	+12V
5	GND

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Printed in Taiwan

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