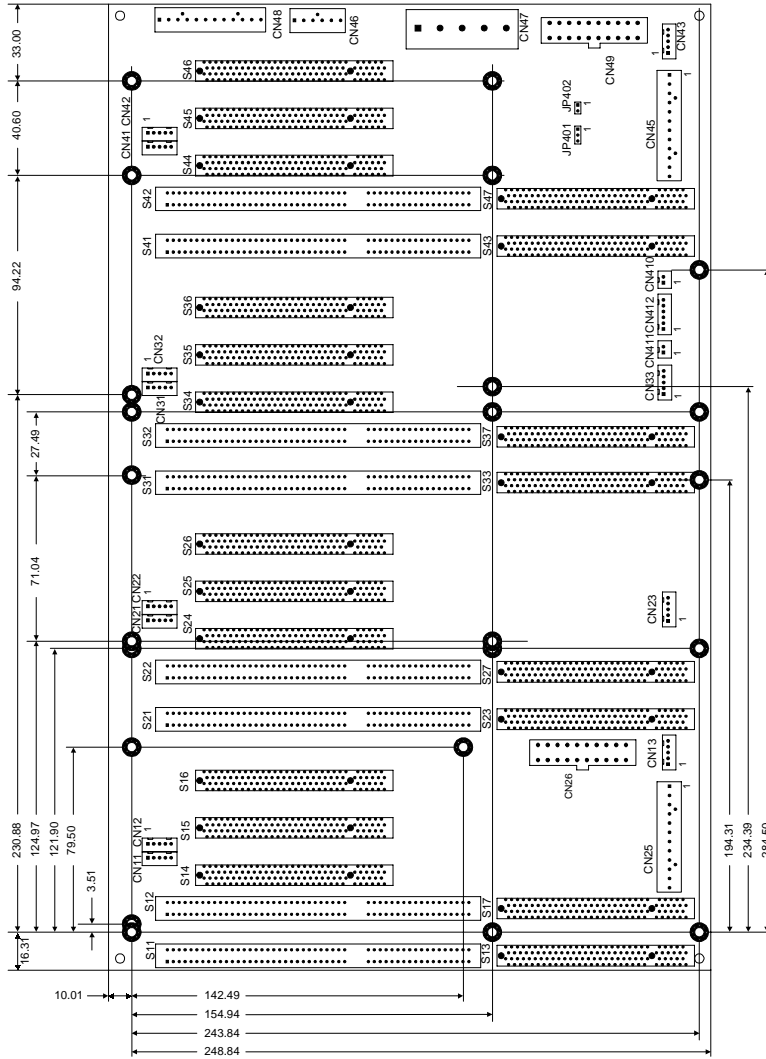


## I. Board Dimensions



## II. Jumper Settings & Connectors

ATX Power Connectors (CN26, CN49)

3.3V	11	1	3.3V
-12V	12	2	3.3V
GND	13	3	GND
PS-ON	14	4	5V
GND	15	5	GND
GND	16	6	5V
GND	17	7	GND
-5V	18	8	PW-OK
5V	19	9	5VSB
5V	20	10	12V

Embedded Control Logic Settings

Jumper	Description
CN412	6-pin cable to CPU card; used for Microsoft Windows Soft-power ON/OFF (ACPI compliant)
JP402	<b>Open:</b> System power ON/OFF via JP401 <b>Short:</b> System power ON/OFF via power supply switch
JP401	<b>Short 1-2:</b> System power ON/OFF either by front panel power button or via ACPI compliant Microsoft Windows software <b>Short 2-3:</b> System power ON/OFF via front panel power button
CN411	Connector for system SUSPEND mode
CN410	Connector for cable to power button on front panel

### III. Pin Assignments

Standard Power Connector (CN25, CN45)

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
10-12	+5V <sub>DC</sub>	red

20-pin ATX Power Connector (CN26, CN49)

Pin	Signal	Color	Pin	Signal	Color
1	3.3V	brown	11	3.3V	brown
2	3.3V	brown	12	-12V	blue
3	GND	black	13	GND	black
4	5V	red	14	PS-ON	green
5	GND	black	15	GND	black
6	5V	red	16	GND	black
7	GND	black	17	GND	black
8	PW-OK	orange	18	-5V	white
9	5VSB	purple	19	5V	red
10	12V	yellow	20	5V	red

# ATX6022/20Q User's Manual

## 3 PCI / 2 PICMG Quad System Segmented Backplane

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### Keyboard Connectors

The ATX6022/20Q quad system segmented backplane supports connection of an external keyboard to either an all-in-one CPU card or onto the front/rear panel AT connector. Although most CPU cards already feature an onboard mini-DIN keyboard connector, the ATX6022/20Q backplane adds more flexibility when installing an external AT keyboard from either front or rear panel of the chassis. The following table lists the appropriate connectors for both purposes and their corresponding segmentation.

Assigned Connectors for Each Segmentation		Description
Seg. 1	Seg. 2	
CN11	CN21	5-pin JST wafer for connection to CPU card
CN14	CN24	5-pin JST wafer for connection to front/rear panel of IPC chassis

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May 1998, Version A1  
Printed in Taiwan

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