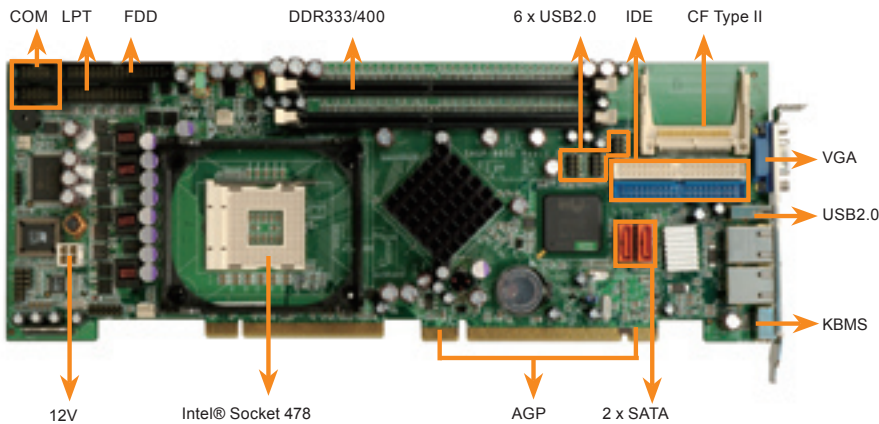


# SAGP-8650

PIAGP Socket 478 Pentium 4/Celeron D up to 800MHz FSB CPU Card with VGA, LAN, GbE, USB 2.0, Audio and SATA



## Specifications

- ◆ **CPU**  
Socket 478 Intel® Pentium® 4/Celeron®D with 400/533/800MHz
- ◆ **System Chipset**  
Intel® 865G + ICH5
- ◆ **BIOS**  
Award Flash BIOS
- ◆ **System Memory**  
2x 184-pin Dual Channel DDR333/400 MHz up to 2GB
- ◆ **Ethernet**  
1st Intel® 82562ET Fast Ethernet chipset (SAGP-8650EV)  
2nd Intel® 82547GI GbE chipset (SAGP-8650EVG with ASF2.0 remote control support)
- ◆ **I/O Interface**  
2 x RS-232  
1 x LPT  
1 x FDD  
1 x IrDA  
7 x USB 2.0  
2 x SATA  
2 x IDE  
1 x PS/2 for KB&MS
- ◆ **Digital I/O**  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **Display Interface**  
VGA integrated in Intel® 865G  
AGP 4X/ 8X Bus support
- ◆ **Audio**  
Realtek ALC655 with AC'97 CODEC
- ◆ **SSD**  
CF Type II
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**  
AT/ATX support
- ◆ **Power Consumption**  
12V@7.5A, 5V@7A, -12V@0.5A  
Pentium® 4/ 3.0GHz FSB 800MHz, DDR400/1GB (3D Mark)
- ◆ **Temperature**  
operation: 0°C ~ 60°C (32~140° F)
- ◆ **Humidity**  
operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**  
338(W)mm X 122(L)mm
- ◆ **Weight**  
GW: 1.1Kg

## Features

1. Intel® Pentium® 4/Celeron® D CPU supports up to 800MHz FSB
2. PIAGP interface supports AGP 8X/ 4X add-on card
3. Dual Channel DDR333/400 MHz support up to 2GB
4. LAN, SATA, USB 2.0, Audio integrated

## Packing List

1 x SAGP-8650 single board computer
1 x Mini jumper pack
2 x IDE cable (P/N:32200-000052-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA Power cable (P/N: 32100-088600-RS)
1 x KB/MS Y cable (P/N: 32000-000138-RS)
1 x RS-232 cable (P/N: 32200-004101-RS)
1 x Audio cable (P/N: 19800-000023-RS)
1 x Power cable (P/N: 32000-029000-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
SAGP-8650EV-R10	PIAGP CPU Card with Intel® Pentium® 4 Socket 478 FSB 800MHz, AGP 8X, LAN, SATA and Audio
SAGP-8650EVG-R10	PIAGP CPU Card with Intel® Pentium® 4 Socket 478 FSB 800MHz, AGP 8X, GbE LAN, SATA and Audio
PISA-KIT01-RS-R40	PCI to ISA bridge module
CB-USB02-RS	Dual port USB cable
CF-478A-RS	
CF-478B-RS	CPU Cooler
CF-514-RS	
CF-519-RS	
32200-000017-RS	FDD cable
32200-004001-RS	LPT cable

1

Single Board Computer

2

VIDEO CARD

3

Xscale Solutions

4

Open HMI

5

VITO Universal Controller

6

DINO BLADE

7

LCD Product Series

8

Embedded System

9

Industrial Computer Chassis

10

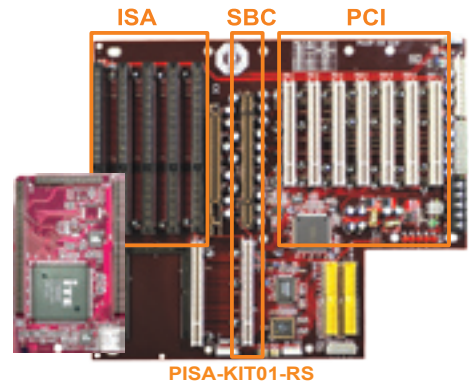
Power Supply

11

Peripherals

# PCIAGP/PXAGP Backplane

Support PCI, ISA and AGP Slot on one backplane !



PISA-KIT01-RS

The advantages of using this series of PIAGP cards are numerous:

1. Supports standard AGP version 2.0 slot on the PCIAGP/PXAGP series passive backplane.
2. Compatible with all available AGP VGA cards PCIAGP/PXAGP backplane is also integrated with the PICMG PCI/ISA CPU Card slot. Thus, traditional PICMG form factor CPU cards and IEI proprietary SAGP series CPU cards are supported.
3. When using an SAGP series CPU Card, users can install a PISA-KIT01 PCI-to-ISA Conversion Module on the PCIAGP/PXAGP backplane to enable the ISA slots to function.

1  
Single Board Computer

2  
VIDEO CARD

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Xscale Solutions

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Open HMI

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DINO BLADE

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LCD Product Series

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Embedded System




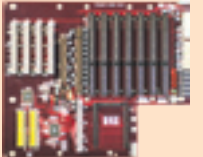
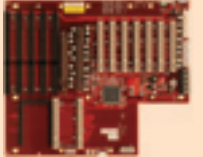
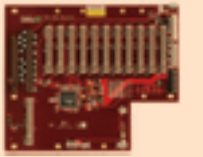

9  
Industrial Computer Chassis

10  
Power Supply

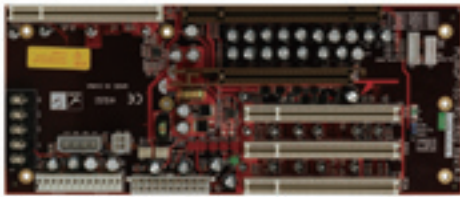
11  
Peripherals

## Selection Guide

PAC series wall-mount Chassis
  4U Rack-mount Chassis
  2U Rack-mount Chassis

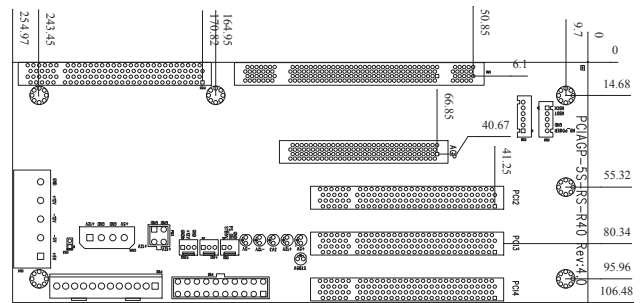
Products	PCI+AGP	Model	Total Slot	Expansion Slots			PSU Type	Chassis	RoHS
				AGP Slot	PCI Slot	ISA Slot			
	PCIAGP-5S-RS-R40		5	1	3	-	ATX/AT	PAC-1000G	Yes
	PCIAGP-6S-RS-R40		6	1	3	2	ATX/AT	PAC-1700G	Yes
	PXAGP-7S-RS-R40		7	1	5	-	ATX/AT	PAC-125G	Yes
	PCIAGP-13S2-RS-R40		13	1	4	7	ATX/AT	RACK-305G RACK-360G RACK-814G RACK-3000G	Yes
	PXAGP-13S-RS-R40		13	1	7	5	ATX/AT	RACK-305G RACK-360G RACK-814G RACK-3000G	Yes
	PXAGP-13S3-RS-R40-RS		13	1	11	-	ATX/AT	RACK-305G RACK-360G RACK-814G RACK-3000G	Yes
	PCIAGP-5SD-RS-R40		6	R1	L2+R1	-	ATX	RACK-220G RACK-2000G	Yes

## PCIAGP-5S-RS



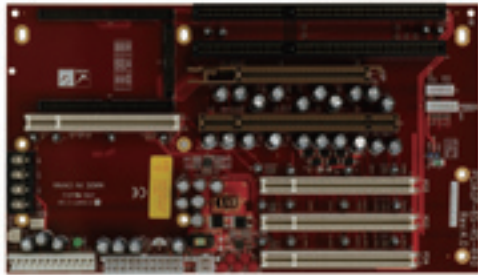
### Ordering Information

PCIAGP-5S-RS-R40 5 Slot Backplane with 1 AGP, 3 PCI Bus  
 PAC-1000G 6 Slot Full Size Industrial Chassis



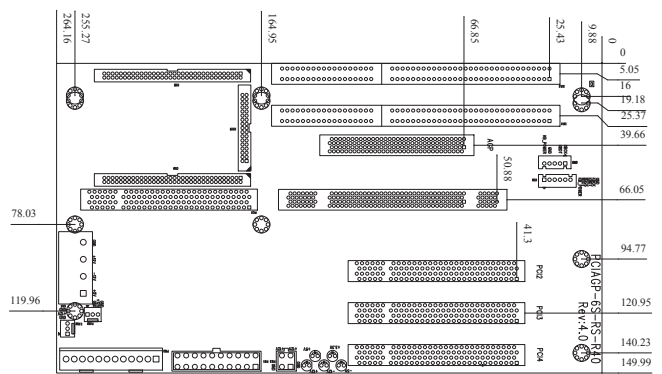
1  
Single Board Computer

## PCIAGP-6S-RS



### Ordering Information

PCIAGP-6S-RS-R40 6 Slot Backplane with 1 AGP, 3 PCI optional 2 ISA Bus  
 PISA-KIT01-RS PCI to ISA Bridge for PCIAGP and PXAGP Backplane  
 PAC-1700GB 7 Slot Full Size Industrial Chassis

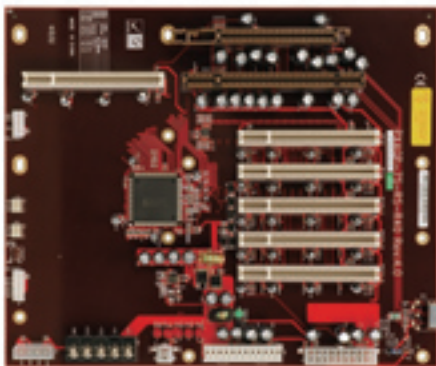


2  
VIDEO CARD

3  
Xscale Solutions

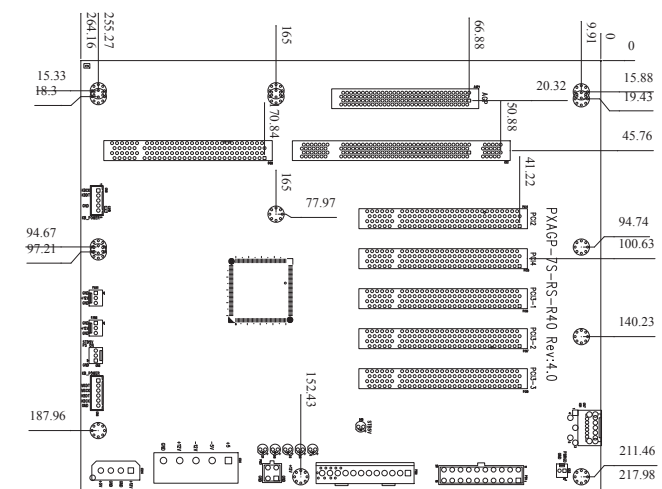
4  
Open HMI

## PXAGP-7S-RS



### Ordering Information

PXAGP-7S-RS-R40 7 Slot Backplane with 1 AGP and 5 PCI Bus  
 PAC-125G Wall-mount Industrial Chassis



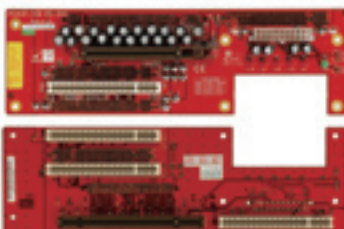
5  
VITO Universal Controller

6  
DINO BLADE

7  
LCD Product Series

8  
Embedded System

## PCIAGP-5SD-RS 2U Type

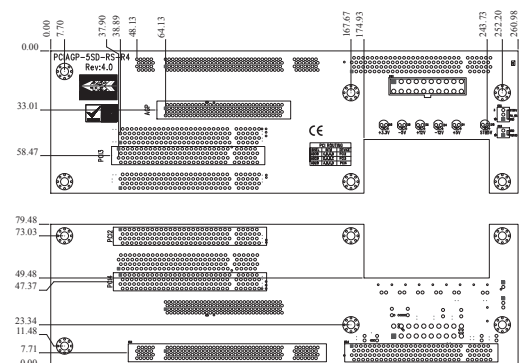


Right Side

Left Side

### Ordering Information

PCIAGP-5SD-RS-R40 5 Slot Dual side Backplane with 1 AGP and 3 PCI Bus  
 RACK-220G 2U Rack-mount Industrial Chassis  
 RACK-2000G 2U Rack-mount Industrial Chassis

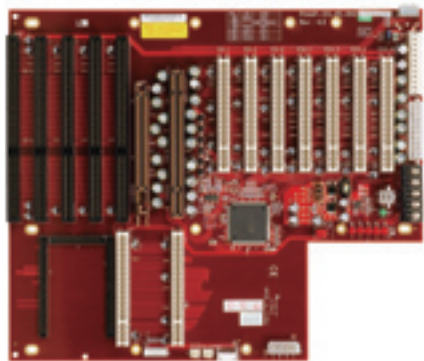


9  
Industrial Computer Chassis

10  
Power Supply

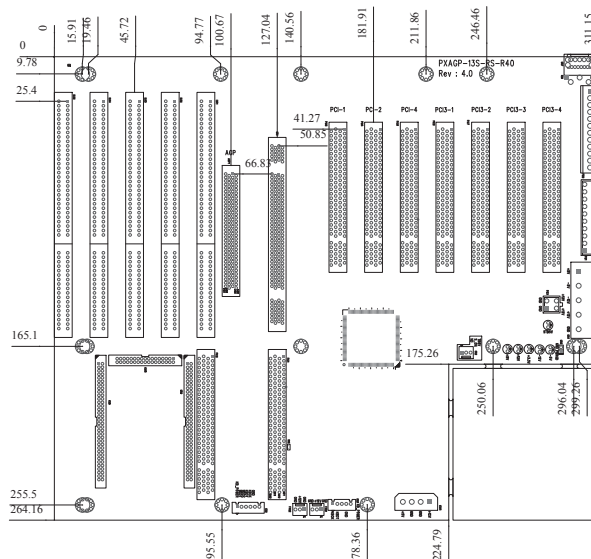
11  
Peripherals

# PXAGP-13S-RS

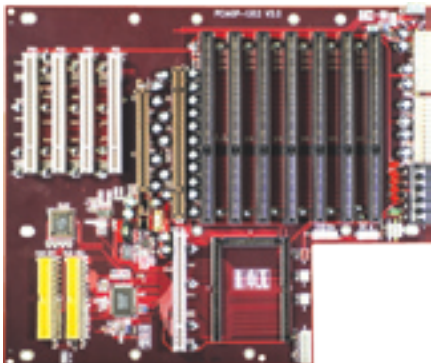


## Ordering Information

PXAGP-13S-RS-R40	13 Slot Backplane with 1 AGP and 7 PCI optional 5 ISA Bus
PISA-KIT01-RS	PCI to ISA Bridge for PCIAGP and PXAGP Backplane
RACK-305G	4U Rack-mount Industrial Chassis
RACK-360G	4U Rack-mount Industrial Chassis
RACK-814G	4U Rack-mount Industrial Chassis
RACK-3000G	4U Rack-mount Industrial Chassis

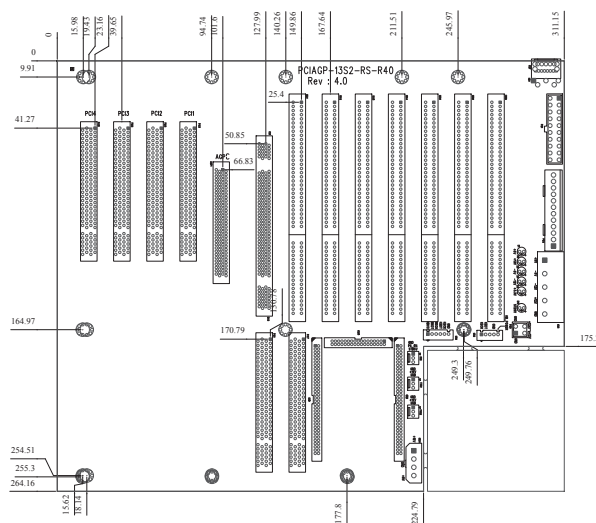


# PCIAGP-13S2-RS

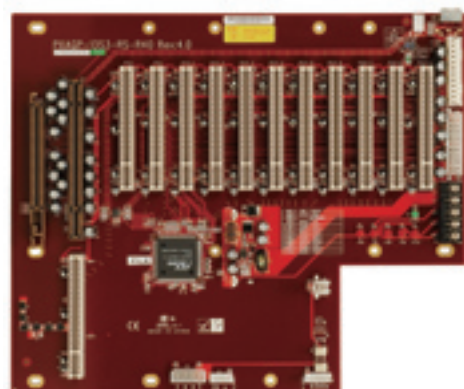


## Ordering Information

PCIAGP-13S2-RS-R40	13 Slot Backplane with 1 AGP and 4 PCI optional 7 ISA Bus
PISA-KIT01-RS	PCI to ISA Bridge for PCIAGP and PXAGP Backplane
RACK-305G	4U Rack-mount Industrial Chassis
RACK-360G	4U Rack-mount Industrial Chassis
RACK-814G	4U Rack-mount Industrial Chassis
RACK-3000G	4U Rack-mount Industrial Chassis



# PXAGP-13S3-RS



## Ordering Information

PXAGP-13S3-RS-R40	13 Slot Backplane with 1 AGP and 11 PCI Bus
RACK-305G	4U Rack-mount Industrial Chassis
RACK-360G	4U Rack-mount Industrial Chassis
RACK-814G	4U Rack-mount Industrial Chassis
RACK-3000G	4U Rack-mount Industrial Chassis

