



Gamer's Dream

Premium Power Supply  
ZEB **PGP450W**



## User Manual

[www.zebronics.com](http://www.zebronics.com)

## Features

80+ Bronze power supply  
High efficiency  
Dual PCIe connectors  
Single 30A 12V rail  
Full protection built in

## Specifications

Active PFC	: Yes
Input Voltage	: 230V
Input Current	: 5A
Fan Type	: Hydraulic Bearing
Power Good Signal	: 100 ~ 500ms
Hold Up Time	: $\geq$ 16ms
Protections	: OVP / OPP / SCP / UVP / OCP
Product Dimension (W x D x H)	: 15 x 14 x 8.6 cm
Weight	: 1.3kg

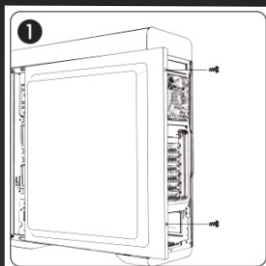
## Package content:

Power Supply	: 1 U
Power Cord	: 1 U
Mounting Screws	: 4 U
Cable tie	: 5 U
QR code guide	: 1 U

## Technical Details:

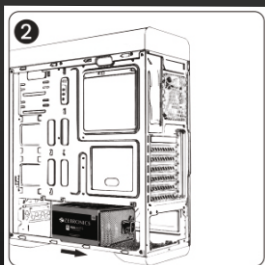
AC input	230Vac 50Hz 5A				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
	11A	11A	30A	0.3A	2A
Total Power	90W		360W	13.6W	
	450W				

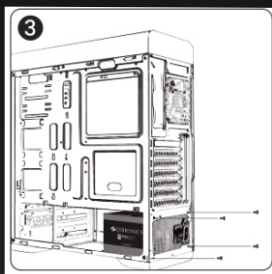
## Installation:



Undo the thumb screws and remove the cabinet side panel.

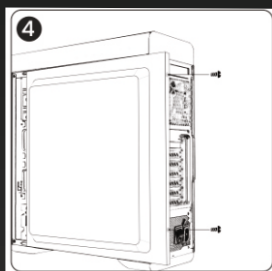
Install the power supply inside the cabinet.





Fasten the power supply in the cabinet with provided screws.

Fix back the cabinet side panel and fasten the thumb screws.



## Connection Description:

### Motherboard 20+4 Pin Connector



Pin	Description
1	+3.3V
2	+3.3V
3	COM
4	+5V
5	COM
6	+5V
7	COM
8	P.G.
9	+5V <sub>sb</sub>
10	+12V
11	+12V
12	+3.3V

Pin	Description
13	+3.3V
14	-12V
15	COM
16	PS-ON
17	COM
18	COM
19	COM
20	NC
21	+5V
22	+5V
23	+5V
24	COM

## CPU 4+4 Pin Connector



Pin	Description
1	COM
2	COM
3	+12V
4	+12V

## PCI-e 6+2 Pin Connector



Pin	Description
1	+12V
2	+12V
3	+12V
4	COM

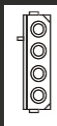
Pin	Description
5	COM
6	COM
7	COM
8	COM

## S-ATA Connector



Pin	Description
1	COM
2	+5V
3	COM
4	+12V

## Peripheral 4-Pin Connector



Pin	Description
1	+12V
2	COM
3	COM
4	+5V

## Troubleshooting

If your system does not turn on after installing the power supply, follow the troubleshooting guide as listed below:

1. Please make sure the main power is connected on correctly.
2. Please make sure the 24pin and 4/8pin connectors are connected correctly to the motherboard.
3. If the power supply does not work properly, please contact our service center immediately.

### **Warranty:**

Zebronics guarantees this product to be free of defects in material and workmanship, for more details on warranty duration please visit [www.zebronics.com](http://www.zebronics.com). This product is designed for desktop computer usage only. Using this product in any other application will void the warranty. Please ask for professional assistance for the installation. The warranty is valid only for the power supply unit, accessories are not included. Any abuse, alteration, misuse, negligence, incorrect voltage supply, accidents and natural disasters will make the warranty invalid. Please visit our service center for issue with the product.



ISO 9001:2015 Certified Company  
[www.zebronics.com](http://www.zebronics.com)