

P11 SERIES P13011
ATX 3.1 P10511



User Manual

Product Story

The PII Series ATX3.1 is an 80 PLUS® Platinum certified power supply that produced specifically for the new generation of high-end GPU users. It features more safety, highly stable, and fully modular; low noise output and its compact design which perfect for overall PC building users.

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1. Fully Meets the Newest Generation (ATX3.1) of Intel's PSDG
2. Includes PCI-E 12V-2x6, 16 Pin Connector with High Quality 16 AWG Cable
3. Fully Modular with High Quality Flat Cables
4. Highly Reliable Japanese Aluminium Electrolytic Capacitors
5. Multi-Protection Safeguards (OCP, OVP, UVP, SCP, OTP, OPP)
6. 10-Year Warranty



Specifications

PII SERIES
ATX 3.1

Model	P105II		P130II		
Model Number	IW-PS-PII1050W		IW-PS-PII1300W		
Total Power	1050W		1300W		
Materials	SECC				
Type	ATX12V V3.1				
Cable Management	Fully Modular				
PFC	Active PFC (> 0.95)				
Efficiency	80 PLUS® Platinum (Up to 92%)				
MTBF (Hours)	> 100,000 hrs.				
AC Input	100-240Vac, 15-8A, 50-60Hz				
Fan	135 mm FDB Fan				
Typical Load Fan Noise (dBA) (50% Loading)	< 25 dB(A)				
Operating Temperature Range (° C)	0 - 50° C				
Full Protection	OCP / OVP / UVP / SCP / OTP / OPP				
Safety Certifications	cTUVus / TUV / CB / BSMI / CE / FCC / EAC / RCM / UACK				
Product Dimensions (L x W x H)	150 x 150 x 86 mm				
Package Dimensions (L x W x H)	210 x 325 x 105 mm				
Net Weight	2.6 kg		2.8 kg		
Gross Weight	3.2 kg		3.4 kg		
Warranty	10 years				
Connectors	24 Pin Motherboard	1		1	
	8 (4+4) Pin CPU	2		2	
	8 (6+2) Pin PCI-E	6		6	
	PCI-E 12V-2x6	1(600W)		2(600W)	
	4 Pin Peripheral	3		3	
	SATA (90 Degree)	9		9	
	Floppy	1		1	

Model	AC INPUT	100-240Vac, 10-5A, 50-60Hz					
	DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
P105II	Max. Output Current	87.5A	24A	24A	0.5A	3A	1050W
	Max. Combined Power	1050W	120W		6W	15W	
P130II	Max. Output Current	108.3A	24A	24A	5A	3A	1300W
	Max. Combined Power	850W	100W		3.6W	15W	

* InWin products comply with RoHS regulations.

* Specifications may vary based on different regions.

Package Contents

P11 SERIES
ATX 3.1



P11 Series Power Supply Unit x1
(P105II/ P130II)



Modular Cables box

Modularized Cables Box

PII SERIES
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X1

24 Pin Motherboard



X2

8 (4+4) Pin CPU



X3

8 (6+2) Pin PCI-E



P105II X1
P130II X2

PCI-E 12V-2x6



X3

SATA (90 Degree)



X1

4 Pin Peripheral & Floppy



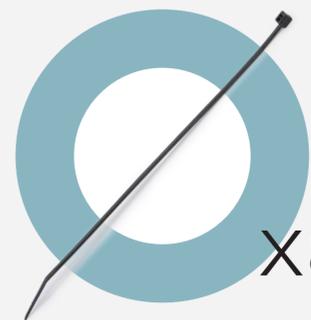
X1

Power Cord



X4

Mounting Screws

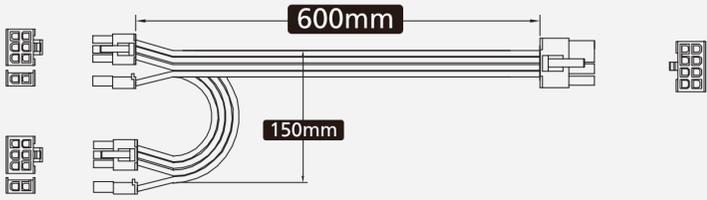
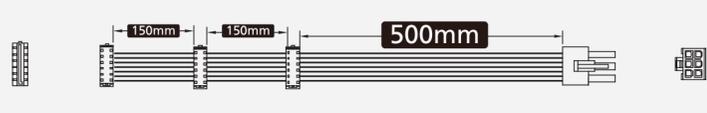
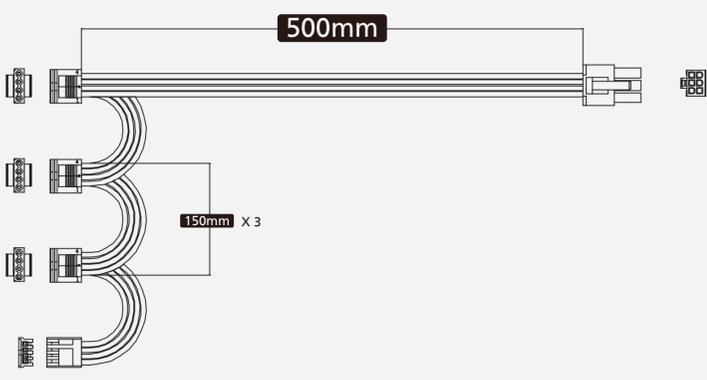


X8

Cable Ties

Cable Information

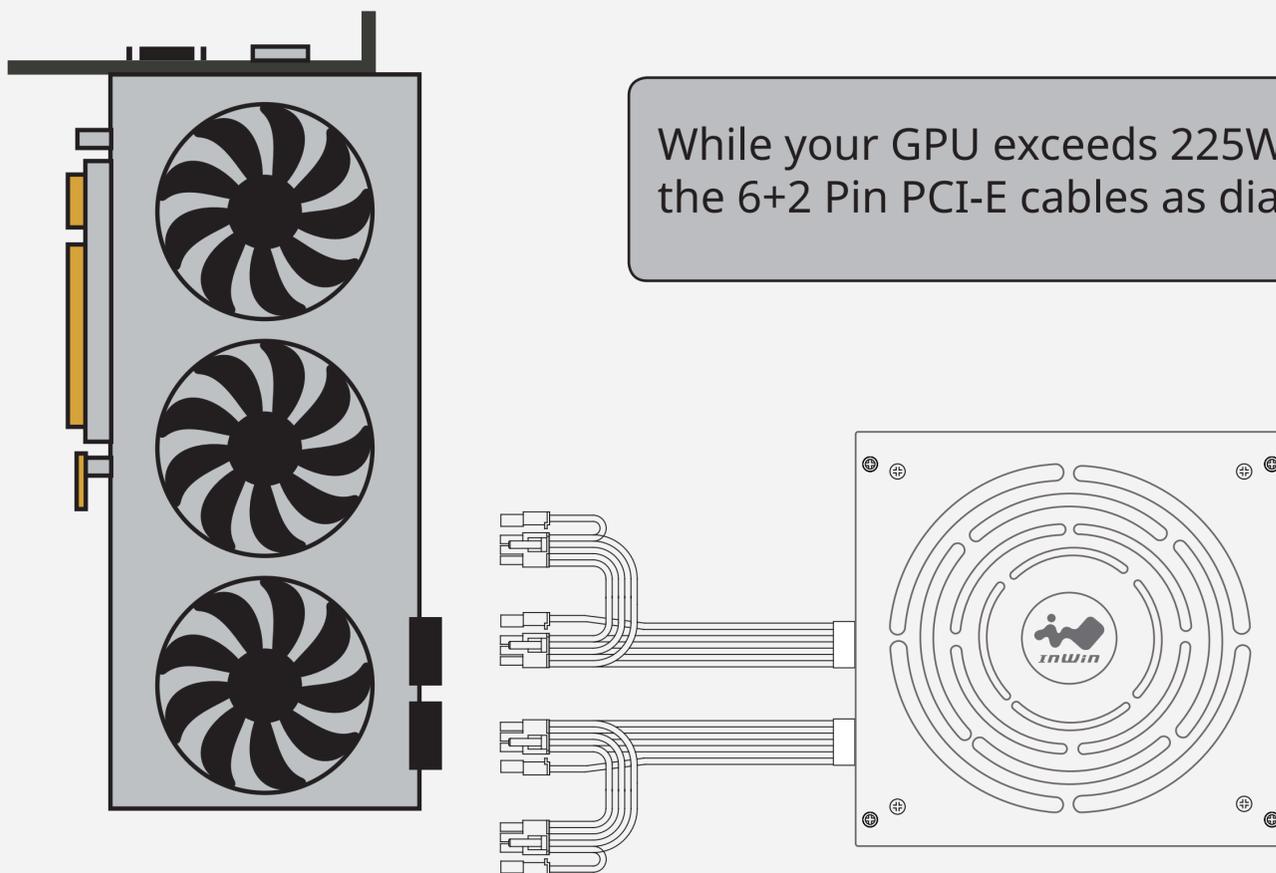
PII SERIES
ATX 3.1

	DC Output Cable	Model	P105II	P130II
	24 Pin Motherboard		1	1
	8 (4+4) Pin CPU		2	2
	8 (6+2) Pin PCI-E		3	3
	PCI-E 12V-2x6		1	2
	SATA (90 Degree)		3	3
	4 Pin Peripheral		1	1
	Floppy			

1. Make sure the power supply's AC power cable is not connected before installation.
2. Place the power supply unit into the space provided in the case and secure the power supply unit with the screws.
3. Connect 24 Pin power to the 24 Pin socket on the motherboard.
4. Connect the 8 (4+4) Pin CPU cable to the motherboard.
 - A. If your motherboard has an 8 (4+4) Pin CPU socket, connect the 8 (4+4) Pin CPU cable directly to your motherboard.
 - B. If your motherboard has a 4 Pin CPU socket, connect the 4 Pin CPU cable directly to your motherboard.

5. Connect the PCI-E cable to the graphics card.
 - A. Each 6+2 Pin PCI-E cable can provide up to 150W, and the MB PCI-E connector will supply an additional 75W to the graphics card.

Please use an additional 6+2 Pin PCI-E cable if your GPU exceeds 225W (150+75).



- B. If your graphics card supports PCI-E 12V-2x6 cable, please connect the PCI-E 12V-2x6 cable direct to the socket.

6. Connect the peripheral cables, and the SATA cables to the appropriate socket.
7. Make sure all the cables are tightly connected and save any unused modular cables for future usage.
8. Connect the AC power cord to the power supply and turn it on by switching the power button to the "I" position.

These troubleshooting points will help you diagnose and solve problems with your power supply if the unit fails to operate properly:

1. Please make sure the power supply and power cord are connected properly.
2. Please make sure the power cord is plugged into the power socket.
3. Please make sure the power supply I/O button is switched to the "I" position.
4. Please check if all the connectors (motherboard and peripheral) are connected properly.
5. Please allow a 5-second interval before turning the power on again when power supply is switched off manually.
6. If you are still experiencing difficulties, please contact your local distributor for RMA support.

■ Notices

1. Please use the anti-static precautions while installing the components to prevent damage and injury.
2. Install in accordance with the user manual's instructions and safety warnings.
3. High voltages are present in the power supply. Do not open the power supply case. Any modifications may damage the product and may place the user at risk.
4. Do not use the power supply if it has been wet or damaged to avoid electric shock or injury.
5. Do not install the power supply near any heat sources such as: radiators, heat registers, or other apparatus that produces heat.

6. Do not insert any objects into the open ventilation or fan grill area.
7. Please use only this product's exclusively supplied cables. Other cables may not be compatible and could cause serious damage to your system and power supply.
8. Do not modify the cables and/or connectors included with the power supply.

■ Warranty

1. InWin provides a 10-year warranty toward the product. The warranty covers malfunctions or flaws before customer use. The warranty starts from your initial purchase (according to the date on your receipt). Please note that we do not honor the warranty for the product if it is not purchased personally or if it is purchased through an unauthorized distribution channel.
2. This limited warranty shall not apply if the defect was caused through any of the following:
 - 1) Abuse and misuse,
 - 2) Operation outside of product specification,
 - 3) Unauthorized service or modification,
 - 4) Any and all alteration of the product.

■ Warranty

3. For more detailed warranty information, please visit the InWin retail website at <https://www.in-win.com/en/warranty>
4. The actual product is subject to change without prior notice.
In Win Development Inc. reserves the right to make final modifications.



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