P85FII
P75FII

PFII SERIES — ATX 3.1
Powered to the Next Level

ATX 3.1 | 5 Warranty | 80 PLUS GOLD

300%
100%

100us Power Excursion
100us GPU Power Excursion

New PFII Series born for ATX3.1
The PFII Series ATX 3.1 fully meets the newest generation of Intel's PSDG (power supply design guide). This avoids potential system instability or power failure, provides better output stability, and allow users to game or work with peace of mind.

PCI-E 5.1 Ready
Includes PCI-E 12V-2x6, 16-pin connector with high-quality 16 AWG cable. Exclusive for next-generation high-performance graphics cards. Fully unleash your GPU's powerful performance!

Ground Safety Pin

Each 12V pin support up to 9.5A
The connector supports up to 450w

Meet various GPU
The PFII Series contains flat cables, which not only facilitates cable management, but also provides sufficient PCIe cables to meet various GPU connectors
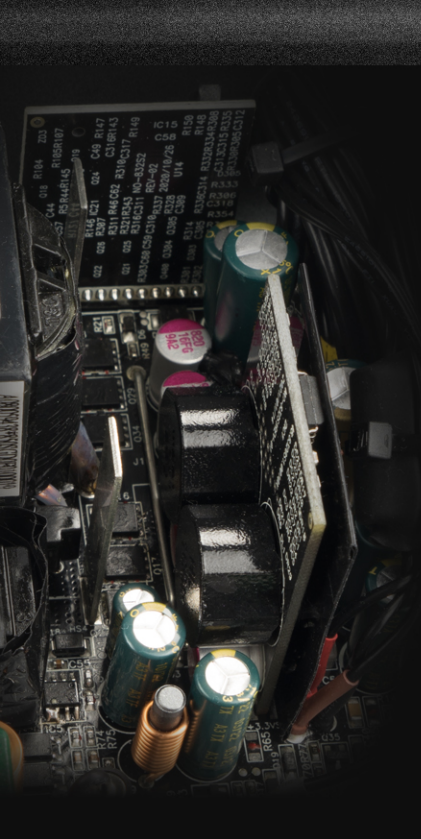
90% Efficiency

80 PLUS® Gold Certified for High Efficiency
The PFII Series ATX 3.1 is an 80 PLUS® Gold certified power supply that delivers up to 90% conversion efficiency which can generate less heat, effectively lowering energy consumption and noise.
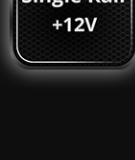
80 PLUS GOLD | 5 Warranty

Multi-Protection Safeguards
The PFII Series ATX 3.1 comes with plenty of safeguards against over-currents, over-and-under voltages, short circuits, over-heating and over-power. These precautions are to ensure quality and safe power usage.

OCP | OVP | UVP
SCP | OTP | OPP

Single +12V Rail / 5V and 3.3V DC to DC Design
Powerful single +12V rail design supplies strong and reliable energy to high-performing components. Equipped with 5V and 3.3V DC to DC converter design, the PFII Series ATX 3.1 provides a superior dynamic response, and supports a foundation for greater system stability.

Single Rail +12V | DC/DC

Smart Thermal Control to Balance Cooling and Noise Pollution
The PFII Series ATX 3.1 utilizes a smart temperature-controlled fan design. It automatically detects the heat to adjust the fan speed accordingly. It achieves the optimal balance between silent operation and excellent thermal performance.
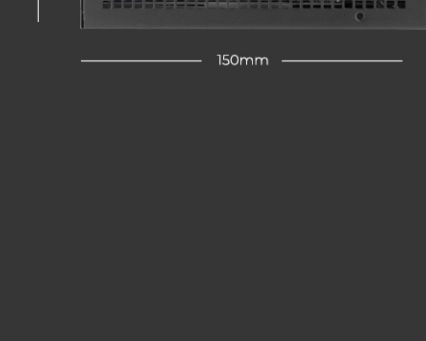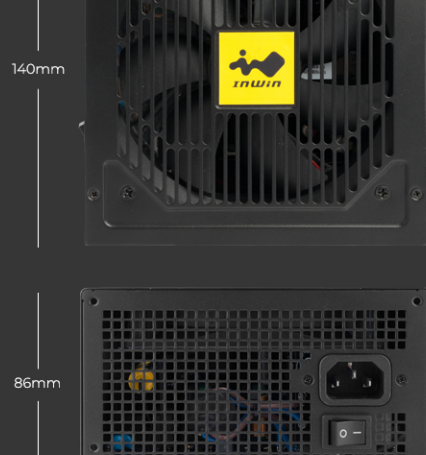
Cable Information

			P75FII	P85FII
24 Pin Motherboard	600mm		1	
8 (4+4) Pin CPU	600mm		1	
8(6+2) Pin PCI-E	600mm		2	
PCI-E 12V-2x6	600mm		1	
SATA			2	
4 Pin Peripheral			1	
Floppy				

Specifications

Model	P75FII	P85FII
Total Power	750W	850W
Model Number	IW-PS-PFII750W	IW-PS-PFII850W
Material	SECC	
Type	ATX12V V3.1	
Cable Management	Fixed Cables	
PFC	Active PFC (> 0.95)	
Efficiency	80 PLUS® Gold (Up to 90%)	
MTBF (Hours)	>100,000 hrs.	
AC Input	100-240Vac, 10-5A, 50-60Hz	100-240Vac, 12-6A, 50-60Hz
Fan	120mm Sleeve Bearing Fan	
50% Load Typical Fan Noise(dBA)	<25dBM	
Operating Temperature Range (°C)	0~40 °C	
Full Protection	OCP/ OVP/ UVP/ SCP/ OTP/ OPP	
Safety Certifications	cTUVus / TUV / CB / BSMI / CE / FCC / EAC / RCM / UACK	
Dimensions (L x W x H)	140 x 150 x 86mm	
Package Dimensions (L x W x H)	280 x 210 x 150 mm	
Net Weight	1.8 kg	1.87 kg
Gross Weight	2.3 kg	2.37 kg
Warranty	5 Years	
Connectors	24 Pin Motherboard	1
	8 (4+4) Pin CPU	2
	8(6+2) Pin PCI-E	4
	PCI-E 12V-2x6	1(450W)
	4 Pin Peripheral	3
	SATA	6
	Floppy	1

* InWin products comply with RoHS regulations.
* Specifications may vary based on different regions.