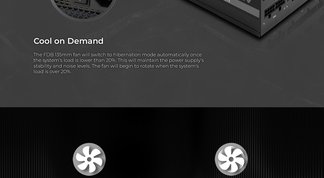
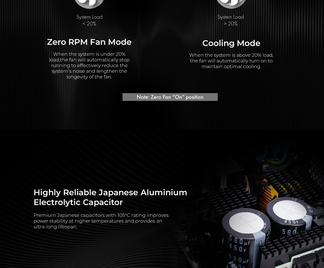
Flex the ATX 3.1 Specs

The PII Series ATX 3.1 fully meets the newest specifications, including a 200% power excursion and 2.0mm hexagonal gold-plated pin design. This ensures optimal performance, provides better output stability, and allows users to game or work with confidence.

Fully Modular and Safety First! Up to 600W PCIe 12V-2x6 Connector

The fully modular and flexible flat cables allow builders to limit cable clutter within a PC includes PCIe 12V-2x6 and a 16-pin connector with high-quality 16 AWG cable. Exclusive for next-generation high-performance graphics cards.Fully unleash your GPU's powerful performance!





Cool on Demand

The PCIE 5.0 zero fan will switch to hibernation mode automatically once the system's load is lower than 20%. This will maintain the power supply's stability and noise levels. The fan will begin to rotate when the system's load is over 20%.

System Load < 20%

Zero RPM Fan Mode

When the system is under 20% load,the fan will automatically stop running to effectively reduce the system's noise and lengthen the longevity of the fan.

System Load > 20%

Cooling Mode

When the system is above 20% load, the fan will automatically turn on to maintain optimal cooling.

Note: Zero Fan "On" position

Highly Reliable Japanese Aluminium Electrolytic Capacitor

Premium Japanese capacitors with 105°C rating improves power stability at higher temperatures and provides an ultra-long lifespan.

80 PLUS® Platinum Certified for High Efficiency

The PII Series ATX 3.1 with 80 PLUS® Platinum certification delivers power supply first priority up to 92% (Peak) efficiency. This high-efficiency design with a compact footprint is ideal for modern PCs, minimizing energy consumption and heat while maximizing performance.

5V and 3.3V DC to DC Design

The PII Series is equipped with a DC to DC converter design, that provides a superior dynamic response, and supports a foundation for greater system stability.

Multi-Protection Safeguards

Top protection in its class with many multiple protections to provide total protection and complete safety and stable power supply.

Over-Currents | Over-Voltages | Under-Voltages

Short Circuits | Over-Temperature | Over-Power

A 10-Year Warranty

We are so confident in the quality of the PII Series power supplies that we offer a 10-year warranty to back up our claim of providing reliable and dependable performance.

Warranty

Cable Information

		P1050II	P1300II
	24 Pin Motherboard	1	1
	8 (4+4) Pin CPU	1	1
	8 Pin CPU	1	1
	8 (6+2)Pin PCIe	3	3
	PCIe 12V-2x6	1	2
	SATA (90 Degree)	3	3
	4 Pin Peripheral	1	1
	Floppy		

Specifications

		P1050II ATX 3.1	P1300II ATX 3.1
Model		P1050	P1300
Model Number		PP-P1-P1050GW	PP-P1-P1300GW
Total Power		1050W	1300W
Materials		105°C	
Type		ATX12V V3.1	
Cable Management		Fully Modular	
PFC		Active PFC > 0.95	
Efficiency		80 PLUS® Platinum	
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 dBA(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 / UKCA	
Product Dimensions (L x W x H)		150 x 150 x 86 mm	
Warranty		10 Years	
Connectors	24 Pin Motherboard	1	1
	8 (4+4) Pin CPU	1	1
	8 Pin CPU	1	1
	8 (6+2) Pin PCIe	4	4
	PCIe 12V-2x6	1 (600W)	2 (600W)
	4 Pin Peripheral	3	3
	SATA (90 Degree)	9	9
	Floppy	1	1

Model	AC INPUT / DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
P1050	Max. Output Current	87.5A	24A	24A	0.5A	3A	1050W
	Max. Combined Power	1050W	120W		6W	15W	
P1300	Max. Output Current	108.3A	24A	24A	0.5A	3A	1300W
	Max. Combined Power	1300W	120W		6W	15W	

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