



ATX 3.1

The Future is Now: ATX 3.1 & PCIe Gen 5.1 Ready

Following the latest ATX 3.1 & PCIe Gen 5.1 regulation, this series supports 2x total power excursion and 3x GPU excursion to provide peak performance with modern hardware or future upgrades.

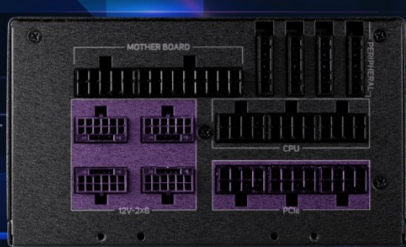


2X Total Power Excursion **3X** GPU Power Excursion



High efficiency in Platinum-certified

Certified by world-class organizations 80 PLUS® 230 EU platinum certification for lower power loss, less heat, and quieter operation.



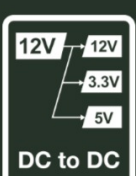
Ready to Build Your Own AI PC Station

4 x PCIe 12V-2x6 and 3x PCIe 8 pin connectors

Supports four 12V-2x6 connectors and three 6+2 pin connectors, providing the power needed for high-end gaming, rendering, and multi-GPU setups.

Fully Modular Cabling Design

To make power supply installation easy and allows users to use only the needed cables, improving airflow and reducing system clutter.



+5V & 3.3V DC to DC Circuit Design

Both of +3.3V and +5V DC - DC module combined +12V SR circuit offers supreme efficiency, voltage stability and high system compatibility especially in cross regulation (unbalance load) mode.



105°C Japanese Bulk Capacitor

The bulk capacitor inside serves to support working under an extremely harsh environment, such as with high temperatures, peak voltage fluctuations. It stabilizes the performance for high reliability that your system can count on.



Powerhouse Yet Energy-saving

High energy conversion up to 94% and 70% efficiency at 2% loading, with less than 0.5W consumption in standby mode, ensures an energy-efficient, cost-effective system that is also eco-friendly.

The Premium Quality FDB Fan

Built with optimized thermal solution and an advanced 135mm fluid dynamic bearing fan for cooler components and quieter operation.



Industrial - design: Conformal Coating for Rigorous Computing Environments

Provide power stably under rigorous, high-speed computing environments that need to operate 24 hours a day without interruptions.



Fortress-level Protection

Our comprehensive circuit shields your valuable components from harm.

MB 20+4 PIN 1 cable 1 connector Cable Information: 600mm	CPU 4+4 PIN 3 cables 3 connectors Cable Information: 700mm
PCIe 6+2 PIN 3 cables 3 connectors Cable Information: 600mm	PCIe 8 PIN 4 cables 8 connectors *PCIe 12V-2x6 to 8PIN Cable Information: 700mm
PCIe 12V-2x6 4 cables 4 connectors *PCIe 12V-2x6 cable with cleaving Cable Information: 700mm	SATA 1 cable 4 connectors Cable Information: 500mm - 155mm - 155mm - 155mm
SATA 1 cable 4 connectors Cable Information: 500mm - 155mm - 155mm - 155mm	MOLEX 1 cable 4 connectors Cable Information: 500mm - 155mm - 155mm - 155mm
MOLEX / SATA 1 cable 2xMOLEX 2xSATA Cable Information: 500mm - 155mm - 155mm - 155mm	



AC/DC					
AC Input	200-240V~ 15A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	25A	25A	208.3A	0.3A	4A
Max Combined Power	125W		2499.6W	3.6W	20W
Total Power	2500W				

SPECIFICATIONS

Model	FSP2500-57APB
Rated Output Power	2500W
Form Factor	ATX12V V3.1
80 PLUS Certification	230V EU Platinum
Input Voltage	200-240V
Input Current	15A
Input Frequency	50-60Hz
PFC	Active > 0.9
Efficiency	±94% at typical load
Fan Type	Fluid Dynamic Bearing, 135mm
Dimensions(L x W x H)	200 x 150 x 86 mm
Protection	OVP, OCP, OPP, OTP, SCP, UVP, SIP, NLO
Warranty	3 Years (*For detailed warranty terms, please refer here)