AMPERE II

80 Plus Platinum 850B, 10Year Warranty, Power Supply



The RAIJINTEK AMPERE II series, engineered to achieve 80 PLUS Platinum efficiency and full ATX 3.1 compliance, is the premium choice for discerning PC builders seeking top-tier performance and energy savings.

Built with superior Japanese capacitors, an advanced DC-to-DC conversion design, a 12cm high-pressure cooling fan, and a compact, versatile form factor, the AMPERE II Platinum series supports ATX12V, EPS12V, and +5V standby voltage. It also offers smart fan RPM control and full-range AC input capability for maximum flexibility.

FEATURES

- 10 Year Warranty
- High-performance HYB fan with intelligent RPM control
- DC-DC Converter improves 3.3V/5V stability
- Full Suite of Heavy-Duty Protections: OVP, UVP, OCP, OPP, SCP, and OTP.
- 80 PLUS Certified, with 92% (115VAC) / 94% (220VAC~240VAC) efficiency or higher under typical loads
- Highest-quality Japanese main capacitor ensures long-term reliability
- Fully compliant with Cybenetics ATX 3.1 certification

CABLE LENGTH

ATX Cable	1x 600mm
EPS Cable	2x 650mm
PCIe Cable	3x 650mm
PCIe 5.1 Cable	1x 600mm
SATA Cable	2x 450mm+150mm+150mm+150mm
Four-Pin Peripheral Cable	1x 500mm+150mm+150mm
SATA & Four-Pin Cable	1x 450mm+150mm+150mm+150mm
AC Power	1x 1200mm
Modular Cable Type	YES

CONNECTOR QUANTITY

24 Pin ATX	1x
EPS (CPU)	2x 8pin (4+4)
PCIe	3x 8pin (6+2)
PCIe 5.1	1x16pin (12+4)
SATA	10x
Four-Pin Peripheral	5x

INPUT

Input Voltage	100-240V~
AC Input	11-5.5A
Input Frequency Range	47-63Hz
Efficiency	90% or Higher Typical

OUTPUT

Rail	+3.3V	+5V	+12V	-12V	+5Vsb
Max output	20A	20A	70.5A	0.3A	3A
	130W		846W	3.6W	15W
Total	850W				

ADDITIONAL DETAILS

Operating Temperature	0° to 40° C	
Japanese Capacitors	Yes	
ECO Mode	No	
MTBF	100,000 Hours	
Gross Weight		
Size	86mm (H) x 150mm (W) x 140mm (L)	
Approvals	TUV, CE, CB	
Fan Size / Bearing	120mm HYB	
UPC(B/W)	849939005157	849939005164
EAN(B/W)	4715109925159	4715109925166

PRODUCT WARRANTY