



COUGAR Power Supply GEX PRO 850W ATX3.1 / 80 Plus Gold / Modular

Brand : COUGAR

Product code: 31GP085001P01

Product name : Power Supply GEX PRO 850W ATX3.1 / 80 Plus Gold / Modular

- Supports PCI Express 5.1 Graphics Cards with 12+4 Pin Connector for true 200% power excursion dynamic outputs
 - 80 PLUS Gold Certified for up to 91% efficiency in power conversion, reducing electricity bills
 - Durable HDB Fan with Hydro Dynamic Bearing groundbreaking grooved fan blade design lets you experience noiseless gaming
 - It includes 105°C Japanese capacitors for standby power to ensure keep providing computer with stable electrical supply
 - At 140mm in length, GEX PRO is one of the most compact fully modular PSU. This means it will fit in a wide range of cases, and give you additional flexibility for building your PC
 - Compatible with the Latest PC Technology, designed for users with current and next-generation multi-core CPU platforms
 - Powerful performance even at 40°C ambient temperature
 - Gold Cybenetics rating for efficiency(750W/850W)
 - A+ Cybenetics rating for noise level. (750W/850W)
- 850 W, AC100-240V, 50-60Hz, 12-6A, ATX 3.1, 80 PLUS Gold



Power		Performance	
Total power *	850 W	80 PLUS certification *	80 PLUS Gold
AC input voltage *	100 - 240 V	Purpose *	PC
AC input frequency	50/60 Hz	Power supply unit (PSU) form factor *	ATX
Input current	12-6 A	ATX version	3.1
Combined power (+3.3V)	100 W	Bearing technology	HDB
Combined power (+12V)	849.6 W	Mean time between failures (MTBF)	100000 h
Combined power (+5V)	100 W	Design	
Combined power (-12V)	3.6 W	Product colour	Black
Combined power (+5Vsb)	15 W	Cooling type	Active
Max output current (+3.3V)	20 A	Fan diameter	12 cm
Max output current (+12V)	70.8 A	Number of fans	1 fan(s)
Max output current (+5V)	20 A	Fan location	Top
Max output current (-12V)	0.3 A	On/off switch	✓
Max output current (+5Vsb)	3 A	Operational conditions	
Efficiency	91%	Operating temperature (T-T)	10 - 40 °C
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage	Storage temperature (T-T)	-40 - 70 °C
Ports & interfaces		Operating relative humidity (H-H)	20 - 85%
Motherboard power connector *	20+4 pin ATX	Storage relative humidity (H-H)	5 - 95%
Motherboard power cable length	61 cm	Certificates	
Number of SATA power connectors	8	Compliance certificates	CE, EAC, Federal Communications Commission (FCC), RoHS, UKCA
Number of PATA power connectors	3	Weight & dimensions	
SATA power cable length	400,520,640,760 mm	Width	150 mm
PCI Express power connectors (6+2 pin)	3	Depth	140 mm
PCI Express power connectors (12+4 pin)	1	Height	56 mm
PCI Express power connectors (12+4 pin) cable length	650 mm	Weight	2.18 kg
CPU power connector (4+4 pin)	✓	Packaging data	
CPU power cable length	70 cm	Package width	215 mm
PCI Express connector	✓	Package depth	330 mm

Ports & interfaces		Packaging data	
Cabling type	Fully-Modular	Package height	107 mm
		Package weight	2.19 kg
		Package type	Box



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