



COUGAR Power Supply GST 850W ATX3.1 / 80 Plus Gold

Brand : COUGAR

Product code: 31GH085001P01

Product name : Power Supply GST 850W ATX3.1 / 80 Plus Gold

- 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 for extended durability and lower noise levels
 - 105°C Japanese capacitors for standby power
 - Designed for current and next-generation multi-core CPU platforms, is compatible with the latest PC technology
 - Powerful performance even at 40°C ambient temperature
- ATX3.1, 850W, 80 Plus Gold, PCIe 5.1, 12+4 Pin, 120 mm HDB, AC100-240V~ 50-60Hz 10-5A



Power		Ports & interfaces	
Total power *	850 W	CPU power connector (4+4 pin)	✓
AC input voltage *	100 - 240 V	CPU power cable length	60 cm
AC input frequency	50/60 Hz	PCI Express connector	✓
Input current	12 - 6 A	Cabling type	Non-Modular
Combined power (+3.3V)	120 W	Performance	
Combined power (+12V)	850 W	80 PLUS certification *	80 PLUS Gold
Combined power (+5V)	120 W	Purpose *	PC
Combined power (-12V)	3.6 W	Power supply unit (PSU) form factor *	ATX
Combined power (+5Vsb)	15 W	ATX version	3.1
Max output current (+3.3V)	20 A	Bearing technology	HDB
Max output current (+12V)	70.8 A	Design	
Max output current (+5V)	20 A	Product colour	Black
Max output current (-12V)	0.3 A	Cooling type	Active
Max output current (+5Vsb)	3 A	Fan diameter	12 cm
Efficiency	91%	Number of fans	1 fan(s)
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage	On/off switch	✓
Ports & interfaces		Operational conditions	
Motherboard power connector *	20+4 pin ATX	Operating temperature (T-T)	10 - 40 °C
Motherboard power cable length	55 cm	Storage temperature (T-T)	-40 - 70 °C
Number of SATA power connectors	8	Operating relative humidity (H-H)	20 - 85%
SATA power cable length	150,450 mm	Storage relative humidity (H-H)	5 - 95%
Peripheral (Molex) power connectors (4-pin) *	4	Certificates	
Peripheral (Molex) power cable length	150,450 mm	Compliance certificates	CE, EAC, Federal Communications Commission (FCC), RoHS, TÜV mark, UKCA
PCI Express power connectors (6+2 pin)	4	Weight & dimensions	
PCI Express power connectors (12+4 pin)	1	Width	150 mm

Ports & interfaces		Weight & dimensions	
PCI Express power connectors (12+4 pin) cable length	600 mm	Depth	140 mm
PCI Express power cable length	55 cm	Height	86 mm
		Weight	2.22 kg
Packaging data			
		Package width	215 mm
		Package depth	290 mm
		Package height	105 mm
		Package weight	3.02 kg



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Catalog Object Cloud



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