

GIGABYTE P850GM power supply unit 850 W 20+4 pin ATX ATX
Black

Brand : GIGABYTE

Product code: GP-P850GM-UK

Product name : P850GM

- 80 PLUS Gold certified
- Fully modular design
- 120mm Smart Hydraulic Bearing (HYB) Fan
- Main Japanese capacitors
- Powerful single +12V rail
- OVP/OPP/SCP/UVP/OCP/OTP protection
- Compact size

850W, ATX, 80 PLUS Gold, 20+4-pin, 2x 4+4-pin, 4x PCI-e 6+2-pin, 8x SATA, 3x 4-pin
GIGABYTE P850GM. Total power: 850 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz.
Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 61 cm, SATA power
cable length: 600,750,900 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS
certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Width: 150
mm, Depth: 140 mm, Height: 86 mm



Power		Ports & interfaces	
Total power *	850 W	PCI Express power cable length	75 cm
AC input voltage *	100 - 240 V	CPU power connector (4+4 pin)	✓
AC input frequency	50 - 60 Hz	CPU power cable length	60 cm
Maximum input current (@110V)	12 A	ATX power connector (20+4 pin)	✓
Maximum input current (@220V)	6 A	Floppy drive power connector	2
Power factor	0.9	Floppy disk drive connector	✓
Power Factor Correction (PFC) type	Active	Floppy disk drive cable length	89 cm
Combined power (+3.3V)	120 W	Cabling type	Fully-Modular
Combined power (+12V)	846 W	Performance	
Combined power (+5V)	120 W	80 PLUS certification *	80 PLUS Gold
Combined power (-12V)	3.6 W	Purpose *	PC
Combined power (+5Vsb)	15 W	Power supply unit (PSU) form factor *	ATX
Max output current (+3.3V)	20 A	ATX version	2.31
Max output current (+12V)	70.5 A	Mean time between failures (MTBF)	100000 h
Max output current (+5V)	20 A	Design	
Max output current (-12V)	0.3 A	Product colour	Black
Max output current (+5Vsb)	3 A	Cooling type	Active
Hold time	16 ms	Fan diameter	12 cm
Efficiency	90%	Number of fans	1 fan(s)
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage	Fan location	Top
Ports & interfaces		On/off switch	✓
Motherboard power connector *	20+4 pin ATX	Weight & dimensions	
Motherboard power cable length	61 cm	Width	150 mm
Number of SATA power connectors	8	Depth	140 mm
SATA power cable length	600,750,900 mm	Height	86 mm
Peripheral (Molex) power connectors (4-pin) *	3		

Ports & interfaces		Packaging data	
PCI Express power connectors (6+2 pin)		Package type	Box
Logistics data			
		Harmonized System (HS) code	84733020



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