GIGABYTE

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

Brand : GIGABYTE

Product name : P850GM

Product code: GP-P850GM-UK

- 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

Total power *	850 W
AC input voltage *	100 - 240 V
AC input frequency	50 - 60 Hz
Maximum input current (@110V)	12 A
Maximum input current (@220V)	6 A
Power factor	0.9
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	120 W
Combined power (+12V)	846 W
Combined power (+5V)	120 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V)	70.5 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Hold time	16 ms
Efficiency	90%
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage

Ports & interfaces

Motherboard power connector *	20+4 pin ATX
Motherboard power cable length	61 cm
Number of SATA power connectors	8
SATA power cable length	600,750,900 mm
Peripheral (Molex) power connectors (4-pin) *	3

Ports & interfaces

PCI Express power cable length	75 cm
CPU power connector (4+4 pin)	✔
CPU power cable length	60 cm
ATX power connector (20+4 pin)	✔
Floppy drive power connector	2
Floppy disk drive connector	✔
Floppy disk drive cable length	89 cm
Cabling type	Fully-Modular

Performance

80 PLUS certification *	80 PLUS Gold
Purpose *	PC
Power supply unit (PSU) form factor *	ATX
ATX version	2.31
Mean time between failures (MTBF)	100000 h

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top
On/off switch	✔

Weight & dimensions

Width	150 mm
Depth	140 mm
Height	86 mm

Ports & interfaces

PCI Express power connectors (6+2 pin)	4

Packaging data

Package type	Box

Logistics data

Harmonized System (HS) code	84733020

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