

GIGABYTE Aorus P850W power supply unit 850 W 20+4 pin ATX
ATX Black

Brand : GIGABYTE

Product code: GP-AP850GM-UK

Product name : Aorus P850W

- Fully Modular Design
- High quality 100% Japanese Capacitors
- 135mm 2 ball bearing smart fan with fan stop function
- 80 PLUS Gold certified: above 90% efficiency at 50% load
- Single +12V rail
- OCP/OTP/OVP/OPP/UVP/SCP protection

Aorus P750W, ATX 12V v2.31, 850 W, 100-240 V, 47-63 Hz, 80Plus Gold, 150x160x86 mm
GIGABYTE Aorus P850W. Total power: 850 W, AC input voltage: 100 - 240 V, AC input frequency: 47 - 63 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 65 cm, Cabling type: Fully-Modular. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 13.5 cm. Width: 150 mm, Depth: 160 mm, Height: 86 mm



Power		Ports & interfaces	
Total power *	850 W	PCI Express power connectors (6+2 pin)	6
AC input voltage *	100 - 240 V	CPU power connector (4+4 pin)	✓
AC input frequency	47 - 63 Hz	ATX power connector (20+4 pin)	✓
Input current	10 A	Floppy drive power connector	2
Power factor	0.9	Floppy disk drive connector	✓
Power Factor Correction (PFC) type	Active	PCI Express connector	✓
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	Bearing technology	Ball bearing
Max output current (+5V)	20 A	Mean time between failures (MTBF)	100000 h
Max output current (-12V)	0.3 A	Design	
Max output current (+5Vsb)	3 A	Product colour	Black
Hold time	16 ms	Cooling type	Active
Efficiency	90%	Fan diameter	13.5 cm
Power Good signal delay range	100 - 150 ms	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	65 cm	Width	150 mm
Number of SATA power connectors	6	Depth	160 mm
Peripheral (Molex) power connectors (4-pin) *	5	Height	86 mm



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