

## GIGABYTE AORUS ELITE P850W Power Supply - PCIe 5.0, 80 PLUS Platinum, Fully Modular Design, 120mm Fan, ATX 3.0 compatible, EU Plug

**Brand :** GIGABYTE

**Product code:** GP-AE850PM PG5 EU

**Product name :** AORUS ELITE P850W Power Supply - PCIe 5.0, 80 PLUS Platinum, Fully Modular Design, 120mm Fan, ATX 3.0 compatible, EU Plug

- ATX 3.0 and PCIe Gen 5.0 ready (compatible with ATX 3.1)
- 80 PLUS Platinum certified
- 100% Japanese capacitors
- 120mm smart Fluid Dynamic Bearing (FDB) fan
- Compact design
- Fully modular design
- Powerful single +12V rail
- OVP/OPP/SCP/UEP/OC/OTP protection

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Ensure reliable and efficient power delivery with GIGABYTE power supplies. Designed for peak performance and durability, our PSUs offer stable and consistent energy to power your high-performance systems. With advanced protections and high-quality components, GIGABYTE power supplies provide the confidence you need for seamless, uninterrupted computing experiences.



Power		Ports & interfaces	
Total power *	850 W	ATX power connector (20+4 pin)	✓
AC input voltage *	100 - 240 V	Floppy drive power connector	2
AC input frequency	50/60 Hz	Floppy disk drive connector	✓
Input current	12 A	PCI Express connector	✓
Power Factor Correction (PFC) type	Active	Cabling type	Fully-Modular
Combined power (+3.3V)	125 W	Performance	
Combined power (+12V)	849.6 W	80 PLUS certification *	80 PLUS Platinum
Combined power (+5V)	125 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)	25 A	Bearing technology	Ball bearing
Max output current (+12V)	70.8 A	Mean time between failures (MTBF)	100000 h
Max output current (+5V)	25 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 Good signal delay range	100 - 150 ms	Fan location	Top
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage	On/off switch	✓
Ports & interfaces		Weight & dimensions	
Motherboard power connector *	20+4 pin ATX	Width	150 mm
Motherboard power cable length	65 cm	Depth	140 mm
Number of SATA power connectors	8	Height	86 mm
Peripheral (Molex) power connectors (4-pin) *	4	Weight	2.67 kg
PCI Express power connectors (6+2 pin)	6	Packaging data	
		Package width	340 mm

Ports & interfaces		Packaging data	
CPU power connector (4+4 pin)	✓	Package depth	206 mm
		Package height	120 mm
		Package weight	3.3 kg
		Package type	Box
		Logistics data	
		Warranty period	10 year(s)



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