

GIGABYTE AORUS ELITE P850W ICE 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 ICE EU

Product name : AORUS ELITE P850W ICE 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/UVP/OCP/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                        | White            |
| 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                         | ✓                |
|                                               |                                                                                   | Weight & dimensions                   |                  |
| Ports & interfaces                            |                                                                                   | Width                                 | 150 mm           |
| Motherboard power connector *                 | 20+4 pin ATX                                                                      | Depth                                 | 140 mm           |
| Motherboard power cable length                | 65 cm                                                                             | Height                                | 86 mm            |
| Number of SATA power connectors               | 8                                                                                 | Weight                                | 2.68 kg          |
| Peripheral (Molex) power connectors (4-pin) * | 4                                                                                 | Packaging data                        |                  |
| PCI Express power connectors (6+2 pin)        | 6                                                                                 | Package width                         | 340 mm           |



| Ports & interfaces            |   | Packaging data  |            |
|-------------------------------|---|-----------------|------------|
| CPU power connector (4+4 pin) | ✓ | Package depth   | 206 mm     |
|                               |   | Package height  | 120 mm     |
|                               |   | Package weight  | 3.31 kg    |
|                               |   | Package type    | Box        |
|                               |   | Logistics data  |            |
|                               |   | Warranty period | 10 year(s) |



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### Catalog Object Cloud



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