



Power Supply

GIGABYTE

P450B 450

Watts Efficiency

80 PLUS

BRONZE GP-

P450B

Model: GP-P450B

Manufacturer: GIGABYTE

EAN: 4719331551612

Product Code: 837061

R1,426

80 PLUS BRONZE CERTIFIED

80 Plus Bronze certified ensures to deliver 85% efficiency at 50% load. The better power efficiency leads to less power waste, less heat and less fan noise.

Reliable Flat Cable

P450B provides the best solution for the system builds. The flat cable reduces the clutter and improves the airflow in the case.

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120mm Silent Hydraulic Bearing (HYB) Fan

120mm Silent Hydraulic Bearing fan optimizes the noise reduction and the thermal performance. The fan speed is adjusted according to the automatic power detection. The Hydraulic Bearing fan provides longer and more stable life time.

SINGLE +12V RAIL

Single +12V rail provides the best power output, stability and compatibility for the hardware. It provides the easiest way to install the power cable. And it is the best design for overclocking.

PROTECTION

In order to make sure the entire computer system to operate stably under any conditions, we not only added protection designs such as OCP, OTP, OVP, OPP, UVP and SCP, but also ensured the stable operation of your system through the safety certification of various countries.

- 80 PLUS Bronze certified
- 120mm Silent Hydraulic Bearing (HYB) Fan
- Reliable flat cable
- Single +12V rail
- OVP/OPP/SCP/UVP/OCP/OTP protection

Summary: GIGABYTE P450B. Total power: 450 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 55 cm, SATA power cable length: 500 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm.

Width: 150 mm, Depth: 140 mm, Height: 86 mm | Vendor Homepage:

<https://www.gigabyte.com/Power-Supply/GP-P450B#kf> | Total power: 450 | AC input voltage: 100 - 240 | AC input frequency: 50 - 60 | Input current: 8 - 4 | Power factor: 0.9 | Power Factor Correction (PFC) type: Active | Combined power (+3.3V): 103 | Combined power (+12V): 432 | Combined power (+5V): 103 | Combined power (-12V): 3.6 | Combined power (+5Vsb): 15 | Max output current (+3.3V): 18 | Max output current (+12V): 36 | Max output current (+5V): 15 | Max output current (-12V): 0.3 | Max output current (+5Vsb): 3 | Efficiency: 85 | Hold time: 16 | Power protection features: Over current/Over power/Over voltage/Overheating/Short circuit/Under voltage | Motherboard power connector: 20+4 pin ATX | Motherboard power cable length: 550 | Number of SATA power connectors: 6 | SATA power cable length: 500 | Peripheral (Molex) power connectors (4-pin): 3 |

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Peripheral (Molex) power cable length: 500 | PCI Express power connectors (6+2 pin): 2 | PCI Express power cable length: 550 | CPU power connector (4+4 pin): Yes | CPU power cable length: 600 | ATX power connector (20+4 pin): Yes | Floppy disk drive connector: Yes | Floppy drive power connector: 1 | PCI Express connector: Yes | Cabling type: Non-Modular | 80 PLUS certification: 80 PLUS Bronze | Purpose: PC | Power supply unit (PSU) form factor: ATX | ATX version: 2.31 | Bearing technology: HDB | Mean time between failures (MTBF): 100000 | Product colour: Black | Cooling type: Active | Fan diameter: 120 | Number of fans: 1 | Fan location: Top | On/off switch: Yes | Width: 150 | Depth: 140 | Height: 86 | Harmonized System (HS) code: 84733020 | Unit Calculated Weight: 2.09 | Product Net Weight: 1.7 | Unit Calculated Volume: 0.008395 | Units per Shipping Box: 10 | Unit Width: 21 | Shipping Box Height: 25.5 | Unit Depth: 25.5 | Unit Height: 12 | Name: CASE PSU ATX2.31 450W/GP-P450B GIGABYTE | Model name: P450B

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