GIGABYTE

Gigabyte P650B power supply unit 650 W 20+4 pin ATX ATX Black

Brand : Gigabyte

Product code: 28200-P650B-1EUR

Product name : P650B

650W, 100-240 Vac, 50-60 Hz, Active PFC, 120mm

Gigabyte P650B power supply unit 650 W 20+4 pin ATX ATX Black:

80 Plus Bronze Certified
80 Plus certified ensures the better power efficiency. Less power waste reduces the heat and fan noise. P650B can be up to 89% efficiency.

Reliable Mesh Braided Cable
P650B provides the best solution for the system builds. The mesh braided cable reduces the clutter and improves the airflow in the case.

100% Japanese Capacitors
All capacitors are high quality Japanese capacitors, to produce the efficient performance and to ensure the longer reliability.

Single +12V Rail
Single +12V rail provides the best power output, stability and compatibility for the hardware. And it is the best design for installation.

120mm Hydraulic Bearing (HYB) Fan
120mm 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.

Power	
Total power *	650 W
AC input voltage *	100 - 240 V
AC input frequency	50 - 60 Hz
Input current	9, 4 A
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	108 W
Combined power (+12V)	648 W
Combined power (+5V)	108 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	12.5 W
Max output current (+3.3V)	18 A
Max output current (+12V)	0.3 A
Max output current (+5V)	15 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	2.5 A
Efficiency	85%
Power protection features	Over power, Over voltage, Overcharge, Short circuit, Under voltage

Ports & interfaces	
Motherboard power connector *	20+4 pin ATX
Number of SATA power connectors	6
Peripheral (Molex) power connectors (4-pin) *	3
PCI Express power connectors (6+2 pin)	4

Ports & interfaces	
CPU power connector (4+4 pin)	✓
ATX Power connector (24-pin)	✓
Floppy disk drive connector	✓
PCI Express connector	✓
Cabling type	Non-Modular

Performance	
80 PLUS certification *	80 PLUS Bronze
Purpose *	PC
Power supply unit (PSU) form factor *	ATX
ATX version	2.31
Mean time between failures (MTBF)	100000 h
Certification	CE/CCC/BSMI/KCC/EAC/UL/TUV/RCM/FCC/PSE

Design	
Product colour	Black
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top

Weight & dimensions	
Width	140 mm
Depth	150 mm
Height	86 mm

Logistics data	
Harmonized System (HS) code	84733020

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