

PS-G850GMPG5

Gigabyte GP-UD850GM PG5 850W 80+ Gold Fully Modular

Product Overview

Gigabyte GP-UD850GM PG5 - 850W PSU, 80+ Gold, Fully Modular, ATX 3.0, PCI-E Gen5, 12VHPWR, 135mm smart fan, OVP/UVP protection



Specifications

Features:

- Ultra Durable
- Main Japanese capacitors
- Enhanced thermal solution
- 120mm smart hydraulic bearing (HYB) fan
- OVP/OPP/SCP/UVP/OCP/OTP protection
- Support PCIe Gen 5.0 graphics card
- High-quality native 16-pin cable supports 600W output
- 80 PLUS Gold certified
- Fully modular design
- Compact design

Support PCIe Gen 5.0 graphics card

The UD850GM PCIE 5.0 has a 16-pin connector and comes with a high-quality native 16-pin cable that allows you to use the PSU with a PCIe Gen 5.0 graphics card. This cable can support up to 600 watts of power to the graphics card.

ULTRA DURABLE

Inherit the product design spirit of GIGABYTE Ultra Durable, thus introducing a variety of high-quality materials and designs. Ultra Durable combines high-quality main Japanese capacitors, enhanced thermal solution, 120mm smart hydraulic bearing (HYB) fan, and six circuit protection designs. It provides consumers with a high-quality and stable power supply, and can be used for a long time.

HIGH QUALITY JAPANESE CAPACITORS

The main capacitors use high quality Japanese capacitors to produce the efficient performance and ensure the longer reliability.

ENHANCED THERMAL SOLUTION

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Product Specification Sheet

Compared with the standard thermal solution, we have enlarged the heatsink by about 200% or more, and optimized the airflow. The heat dissipation performance is increased by more than 10%, thus prolonging the service life of the components.

120MM SMART HYDRAULIC BEARING (HYB) FAN

The fan speed is adjusted according to the automatic power detection and stops when the system is idle or under low load (less than 20% load). The hydraulic bearing fan provides longer and more stable life time.

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.

FULLY MODULAR DESIGN

All the black flat cables are modular design. Installing only the cables you need to reduce clutter, to increase the airflow and to improve the chassis thermal performance.

80 PLUS GOLD CERTIFIED

80 Plus Gold certified ensures to deliver 90% efficiency at 50% load. The better power efficiency leads to less power waste, less heat and less fan noise.

PLENTIFUL POWER SUPPLY

The +12VHPWR and the +12V can provide a total of 850W power output. The +12VHPWR can provide up to 600W for the latest PCIe Gen 5.0 graphics card.

COMPACT DESIGN

With the help of engineers' excellent design capabilities and heat dissipation technology on various hardware products, and the use of higher quality materials, GIGABYTE has reduced the length of the power supply to an amazing 140 mm, so it can be easily installed in any chassis without space constraints.

Specifications:

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Specifications	
Product Code	PS-G850GMPG5
Model	GP-UD850GM PG5
Type	Intel Form Factor ATX 12V
PFC	Active PFC (>0.9 typical)
Input Voltage	100-240 Vac (full range)
Input Current	12-6A
Input Frequency	60-50 Hz
Output Capacity	850W
Dimensions	150 x 140 x 86 mm
Fan Type	120mm Hydraulic Bearing(HYB)fan
80 PLUS	Gold

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Product Specification Sheet

Efficiency	90% at typical load
MTBF	>100, 000 hours
Protections	OVP/OPP/SCP/UVF/OCP/OTP
Power Good Signal	100-150ms
Hold Up Time	>16ms
Cable Type	Flat, All black
Connectors	ATX/MB 20+4 Pin x 1 : 610mm*1
	CPU/EPS 4+4 Pin x 2 : 600mm+200mm*1
	PCI-e 12+4 Pin x 1: 700mm*1
	PCI-e 6+2 Pin x 4 : 600mm+150mm*2
	SATA x 8 :
	600mm+150mm+150mm+150mm*2
	4 Pin Peripheral x 3+4-Pin floppy x 1 : 500mm+120mm+120mm+150mm*1

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/PS-G850GMPG5-Gigabyte-GP-UD850GM-PG5-850W-80-Gold-Fully-Buy-p-322927.php>

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