USER MANUAL

Power supply unit

This product is only computer's power supply

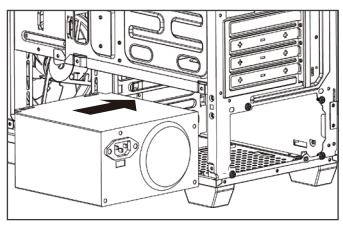
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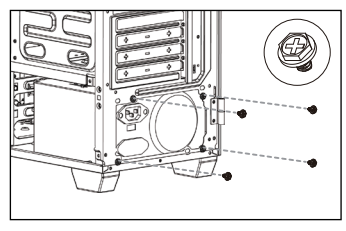
1. SAFETY INSTRUCTIONS & DISCLAIMER

- Please install the power supply following the instructions and installation guide. Incorrect installation may result in damage to the power supply or system components which may lead to serious injury.
- Unauthorized non-professionals are strictly prohibited from disassembling the power supply.
- Only use the supplied cable or the oiginal cable of the corresponding model purchased directly from the GAMEMAX official store. Using incorrect cables may cause product disfunction which may lead to fire and damage. Likewise, if the power supply needs to connect to modular cables, use only cables that are specifically designed to be compatible with your specific power supply model. Using other cables may not be compatible with the leads and may result in serious damage to the system and power supply.
- Do not place this product close to any source of heat such as radiators, heater holes.
- Keep the interior of the PC Case clean and maintain appropriate heat dissipation condition for the power supply.
- It is not recommended to overload the power supply.
- Use power strips that meet safety standards to avoid short circuits.
- This power supply can only be used to power the PC, and it is not suitable to use for other purposes.
- To ensure the stable operation of the PC system and the maximum service life of the power supply, please be clear about the power required by your PC and other accessories in advance. It is recommended to reserve 15-20% of the power margin for the selected power supply, which should not be lower than the power recommended by the official accessories.

2. HOW TO INSTALL?

1) Remove the power supply from its packaging.
2) Use the screws provided with your case to install the power supply into your computer.
   NOTE: It is recommended to install the power supply with the fan facing down. However, if your case places the power supply at the bottom of the case and there are no ventilation holes available, it may be best to install the power supply with the fan facing up for greater efficiency and reliability.



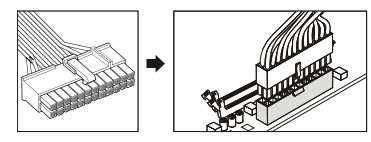


3. CONNECTOR DESCRIPTION

1) Connect 20+4-pin connector to the motherboard.

[Note] The detachable 4-pin connector of the 20+4-pin is not suitable for ATX12V 4-pin connector. Incorrect connection may cause irreversible damage.

Motherboard 20+4PIN



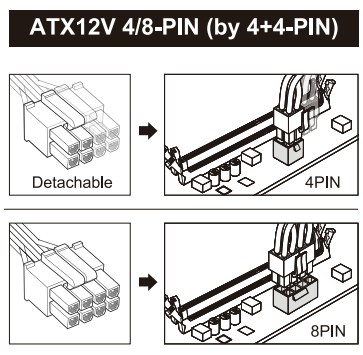
PIN	13	14	15	16	17	18	19	20	21	22	23	24
	+3.3V	-12V	COM	PS-ON	COM	COM	COM	———	+5V	+5V	+5V	COM

PIN13 PIN24
PIN1 PIN12

PIN	1	2	3	4	5	6	7	8	9	10	11	12
	+3.3V	+3.3V	COM	+5V	COM	+5V	COM	P.G.	+5Vsb	+12V	+12V	+3.3V

2) Connect ATX12V (CPU power) 4-pin or 8-pin (by 4+4-pin) to the motherboard.

ATX12V 4/8-PIN (by 4+4-PIN)



PIN	5	6	7	8
	+12V	+12V	+12V	+12V

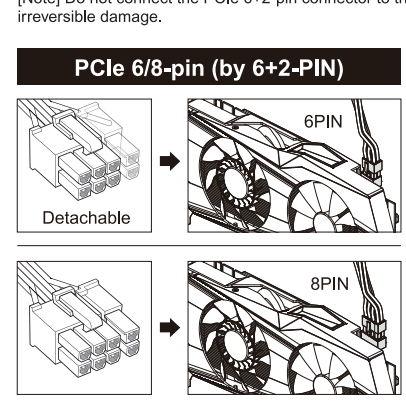
PIN5 PIN8
PIN1 PIN4

PIN	1	2	3	4
	COM	COM	COM	COM

3) Connect PCIe 6-pin or 8-pin (by 6+2-pin) to graphics card.

[Note] Do not connect the PCIe 6+2-pin connector to the ATX12V 8-pin connector. Incorrect connection may cause irreversible damage.

PCIe 6/8-pin (by 6+2-PIN)



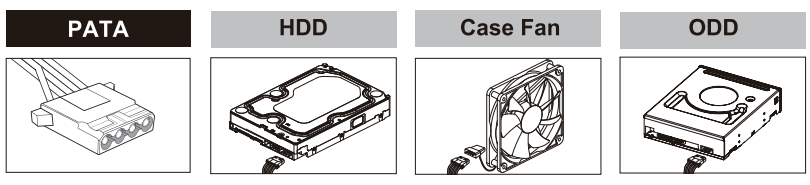
PIN	5	6	7	8
	COM	COM	COM	COM

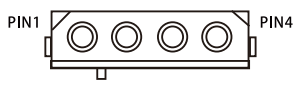
PIN5 PIN8
PIN1 PIN4

PIN	1	2	3	4
	+12V	+12V	+12V	COM

4) Connect Molex 4-pin connector to devices, i.e. HDD/ODD/case fan.

PATA **HDD** **Case Fan** **ODD**

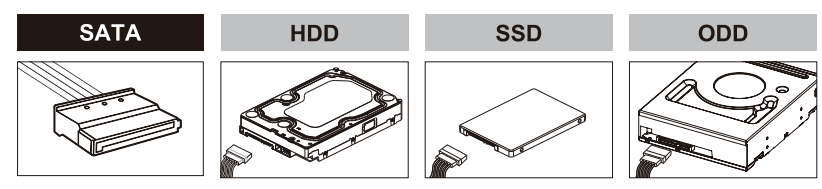


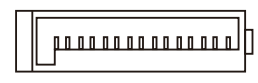


PIN	1	2	3	4
	+12V	COM	COM	+5V

5) Connect SATA connector to devices, i.e. HDD/SSD/ODD.

SATA **HDD** **SSD** **ODD**





PIN	1	2	3	4	5
	+3.3V	COM	+5V	COM	+12V

4. TROUBLE SHOOTING

If your PC system does not respond, please follow the instructions below:

A. Ensure the AC power cord is connected tightly and the AC power switch is turned on.
B. Ensure all DC output connectors are connected in the right direction and plugged in securely.
C. Check whether there are any short-circuit problems or defective peripherals by unplugging all peripheral devices and plugging them back in one at time.
D. If one of the above mentioned steps reveals a problem, turn off the PSU and wait for 1-2 minutes. Then turn on the PSU again. This is necessary in order to release the latch condition of the protection circuit.
E. If the PSU does not work properly after the above steps, please arrange to send it back to your place of purchase.

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尺寸：130x80, 黑白印刷，封面封底过哑胶，钉装