PC Compatibility & Troubleshooting Guide – ITX-AP300W

1. Product Overview

Thank you for choosing the ITX-AP300W power supply. This product is designed for use with **compatible PC systems** and must be installed correctly according to the instructions below to function properly.

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2. System Requirements & Compatibility

Supported Systems:
• PC systems with **ITX / Micro-ATX / compatible cases** that support this power supply form factor
• Motherboards with standard **24-pin ATX** and required CPU power connectors
• Compatible voltage input as specified on the product label

Compatibility Notes:
• Please verify your **PC case clearance and power connector requirements** before installation
• This power supply is **not compatible with proprietary systems** requiring non-standard power connectors
• Improper installation or incompatible hardware may result in the system not powering on

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3. Installation Instructions

1. **Power Off the System**
   Shut down the PC and disconnect it from the power outlet before installation.
2. **Install the Power Supply**
   Mount the ITX-AP300W securely into the PC case using the appropriate screws.
3. **Connect Power Cables**
   • Connect the 24-pin ATX connector to the motherboard
   • Connect CPU and peripheral power cables as required
   • Ensure all connections are firmly seated
4. **Verify Operation**
   Reconnect the power cable and turn on the system. Confirm that the PC powers on normally.

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4. Troubleshooting

If the system **does not power on or does not function as expected**, please review the following:

Problem: PC does not power on
• Confirm the power supply switch is in the ON position
• Verify all power connectors are fully connected
• Ensure the PC case and motherboard are compatible with this model

Problem: System shuts down or behaves inconsistently
• Confirm total system power consumption does not exceed rated wattage
• Check for loose cables or improper installation
• Ensure adequate ventilation and airflow

If issues persist after following these steps, please contact **support@apevia.com**.

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5. Safety and Maintenance

• Do not open or disassemble the power supply
• Keep away from liquids and extreme temperatures
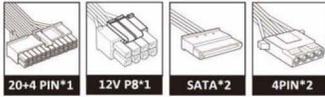• Ensure proper ventilation during operation

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6. Important Notes

- The power supply **will not power on** simply by connecting the AC power cord to the wall outlet.
  All required power cables **must be properly connected to the PC components**.
- The **24-pin motherboard connector** can be separated into a **20+4-pin** connector:
  Push the 20-pin section down and the 4-pin section up for motherboards requiring a 20-pin connector.
- The **8-pin CPU connector** can be separated into a **4+4-pin** connector:
  Push one 4-pin section down and the other up for motherboards requiring a 4-pin CPU connector.

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7. Support & Contact

For additional assistance, please contact:

 support@apevia.com
 www.apevia.com

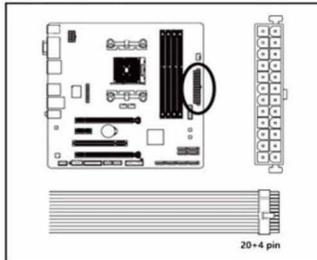| 20+4 PIN*1	12V P8*1	SATA*2	4PIN*2

20 + 4 PIN exposed (400mm)*1
12V P8 exposed (400mm)*1
PATA exposed (400mm) + SATA(150mm)*1
PATA exposed (400mm) + SATA(150mm)*1
Total：(20+4P*1,P8(P4+4PIN)*1, PATA*2, SATA*2)

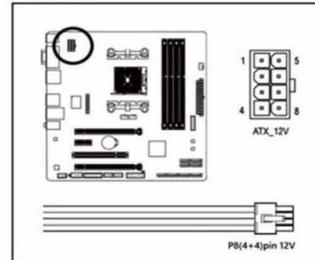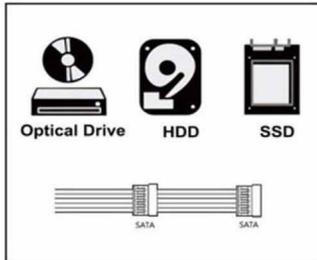| AC Input	115-230VAC , 8A/4A , 50-60HZ				
DC Output Voltage	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	12A	12A	20A	0.3A	2.5A
Combined Power	90W		240W	3.6W	12.5W
Total Power	300W				

Installation:

STEP 1

Plug the 20pin/24pin connector to the motherboard.
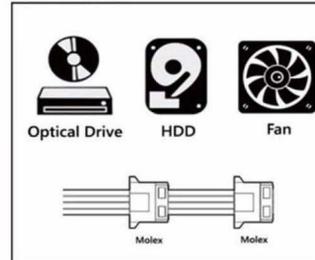
STEP 2

Plug in the 8pin/4+4pin connector to the motherboard.

STEP 3

Optical Drive   HDD   SSD

Plug in the necessary SATA to the optical drives / hard drives you have installed on your computer.

STEP 4

Optical Drive   HDD   Fan

Plug in the necessary MOLEX to any optical drives / hard drives / fans you have installed on your computer.