



TruePower Trio

Models: TP3-430, TP3-550, TP3-650

User's Manual

Manuel de l'utilisateur

Anwenderhandbuch

Manuale per l'operatore

Manual del usuario

取扱説明書

中文使用手冊

Antec TruePower Trio User's Manual

ATX12V version 2.2 power supply

Models: TP3-430, TP3-550, TP3-650

The TruePower Trio series comply with the ATX12V version 2.2 (EPS12V for TP3-550 and TP3-650) specifications. This includes three +12V outputs that deliver safer and more reliable power to your system's components. With up to 85% efficiency, the power supply helps save energy and money on your electrical bill compared to typical power supplies. TruePower Trio power supplies generate less heat because of their high efficiency and thus keep the power supply itself cooler and prolong its life. They also include a variety of industrial-grade protective circuitry: OPP (over power protection), OVP (over voltage protection), SCP (short circuit protection), and UVP (under voltage protection).

Connectors: TruePower Trio has a 24-pin main connector with detachable 4-pin section, a 4-pin +12V connector for single CPU systems, and a 8-pin +12V connector for multi CPU systems (TP3-550 and TP3-650). All models include six 4-pin peripheral connectors, four 15-pin SATA connectors, one floppy connector, and PCI-Express Connectors (two for TP3-550 and TP3-650; one for TP3-430).

The power supply has an advanced temperature response system that provides optimum balance between noise reduction and cooling. The 120mm quiet fan will always run at the lowest speed possible for existing load and conditions. In addition, it can control the speed of your system case fans. You can find two fan connectors (marked "Fan Only") to which you can connect your system case fans. TruePower Trio will then regulate your case fans, further reducing system noise. **Note:** Do not connect more than two external fans to the "Fan Only" connectors. Also, Antec DOES NOT recommend connecting a CPU fan to the "Fan Only" connectors.

TruePower Trio power supplies include Universal Input and Active Power Factor Correction (PFC). Universal Input allows you to connect TruePower Trio power supply to any AC power input between 100~240V, without having to worry about setting a voltage switch. Active PFC improves the power factor value of the power supply by altering the input current wave shape and thus helps the power plant to provide power to users more efficiently.

Power Switch: This power supply comes with a main power switch. Make sure you turn the switch to the ON (I) position before you boot up your computer for the first time. In normal operation there is no need to turn the switch to the OFF (O) position since the power supply is equipped with a soft on/off feature which turns your computer on and off through the soft switch on your computer case. You may need to turn the switch to the OFF position occasionally should your computer crash and you cannot shut it down through use of the soft switch.

Installation:

This power supply is backwards-compatible to previous ATX12V specifications. To make sure you connect your power supply properly, please refer to the user manuals supplied with your motherboard and peripherals before connecting the TruePower Trio to any of your devices.

1. Disconnect the power cord from your old power supply.
2. Open your computer case, following the directions provided in your case manual.
3. Disconnect all power connectors from the motherboard and from peripherals devices such as case fans, hard drives, optical drives, floppy drives, etc.
4. Remove the existing power supply from your computer case and replace it with your new Antec power supply.
5. Connect the 24-pin Main Power Connector. If your motherboard uses a 20-pin connector, detach the 4-pin attachment on the 24-pin power connector (see pictures 1 and 2).

Picture 1



Picture 2



Note: the detachable 4-pin section cannot be used in place of the 4-pin +12V connector.

6. For TP3-430, connect the 4-pin +12V connector. For TP3-550 and TP3-650, if you are using single CPU system, just connect the 4-pin +12V connector. If you are using dual CPUs system or a system that requires the 8-pin +12V connector, use the 8-pin +12V connector (**Note:** some high end single CPU motherboards may require an 8-pin +12V).
7. Connect the 4-pin peripheral connectors to the peripheral devices such as optical drives and hard drives.
8. Optional: If you'd like to monitor the speed of the power supply fan, connect the 3-pin fan signal connector to one of the fan connectors on your motherboard.
Note: You don't need to connect the fan signal connector in order for the power supply to work.
9. Connect the 15-pin SATA connectors to your SATA hard drives as needed.
10. Connect the 6-pin PCI Express connectors marked PCI-E to your PCI Express graphic cards if needed.
Note: Please consult the user manual supplied with your PCI Express graphic card for detailed usage instructions.
11. Connect the power cord to the power supply.

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