

POWER SUPPLY

480 Watt ATX 12V Silent Power Supply
with 12cm Fan

ATXPOW480HS

Instruction Guide



* Actual product may vary from photo

*Serial***ATA**
ready

StarTech.com



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FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, www.startech.com. In the tech support section there are a number of options that can provide assistance with this product.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:

USA/Canada: 1-519-455-4931

UK/Ireland/Europe: 00-800-7827-8324

Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a two-year warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Product Specifications

Dimensions	5.9 x 3.35 x 5.5 inches (150 x 85 x 140mm)
Output Power	480W
Fan Type	12 cm ball-bearing
Connectors	7 x 4-pin-LP4 (Hard drive) 2 x 4-pin SP4 small internal power (Floppy drive) 1 x 20-pin ATX motherboard adapter 1 x 4-pin extended ATX power 12V plug 1 x 6-pin Aux plug 2 x 15-pin Serial ATA 1 x TX3 fan sensor
MTBF	100,000 Hours @ 25°C
Safety Approvals	TUV, UL, CSA, CE, FCC, CB
AC INPUT	Voltage 115V~ Current 10A Voltage 230V~ Current 5A Frequency 50~60Hz
DC OUTPUT	+3.3V (30A) +5V (45A) +12V (26A) -5V (0.5A) -12V (1A) +5V Standby (2.5A)

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Introduction

Thank you for buying a StarTech.com ultra-quiet 480-Watt replacement ATX power supply. The ATXPOW480HS is guaranteed compatible with high-end Intel and AMD processors and is designed for an extra long-life in personal and industrial computers. The smart 12 cm ball-bearing fan automatically adjusts its speed to provide whisper-quiet operation while maintaining optimum cooling. This power supply comes Serial ATA ready with two SATA connectors.

Features

- Supports Serial ATA drives
- Uses heavy-duty transformer to support PC servers with several hard drives
- Provides the extra current required by 3 GHz and faster CPUs
- Provides extra power required by leading edge 3D video accelerator cards
- Uses quad-protection: Short Circuit protection, Over Power protection, Over Voltage protection, and No Load protection
- Complies with ATX version 2.03, ATX12V, and Serial ATA 1.0 specifications
- Uses superior EMI/RFI power filtration system to ensure system components receive clean, stable power
- Backed by StarTech.com's two-year warranty

WARNING! Computer parts can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also make sure that your computer is turned off and unplugged before attempting to open your computer case.

Contents

This package should contain:

- 1 x ATXPOW480HS power supply
- 1 x power cord

Installation

Check the red power supply voltage switch before installation. It should be the same as your local power voltage (115V for North America and 230V for most of the European countries). Change the voltage setting if necessary.

1. Make sure that your system is turned off and unplugged. Disconnect the power cord from your old power supply.
2. Open the case (consult your computer's user guide for details, if necessary).

NOTE: Before completing the next step, you may want to take note of what devices are attached to your current power supply so you know which devices need to be connected to the new power supply and where their connectors are located.

3. Disconnect all power connectors from the motherboard and the peripheral devices such as hard drives, floppy disks, etc. Make sure that there are no devices connected to your existing power supply.
4. Remove the existing power supply from your computer case and replace it with the new StarTech.com power supply.
5. Connect the power connectors to your motherboard and peripheral devices.
6. Close your computer case.
7. Connect the power cord to the StarTech.com power supply.

ATXPOW480HS Connectors

