

# ATX Mid-Tower Case

Professional Series Mid-Tower Case

ATX8400PR02B

ATX8400PR02

ATX8450PR02B

ATX8450PR02

Instruction Manual



Actual product may vary from photo

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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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## Introduction

Thank you for purchasing a StarTech.com professional series mid-tower computer case. The convenient screwless design allows you to build and update your computer system with ease. With a total of four 5.25" and four 3.5" drive bays, there is ample room to expand and customize your system to suit your needs. This case includes an ATX12v 2.01 Silent Power Supply and front-mounted USB 2.0, FireWire, and audio ports for ultimate convenience and usability.

## Features

- Includes a StarTech.com ATX12v 2.01 Silent Power Supply
- Screwless design offers easy access for system builds and upgrades
- Provides four external 5.25" drive bays, two external 3.5" drive bays, and two internal 3.5" drive bays to optimize system customization options
- Provides front USB 2.0, FireWire, and audio ports for maximum ease of use
- Comes with built-in case fan and large front-panel vents to ensure peak performance and stable operation
- Backed by StarTech.com's two-year warranty

## Before You Begin

To ensure a quick and easy case assembly, please read through this section carefully before attempting to assemble your computer.

## Contents

This package should contain:

- 1 x Professional Series mid-tower computer case with Silent Power Supply
- 1 x Power Cord
- Assorted screws and buffers

## Requirements

This case does **not** include any hard or floppy disk drives, motherboards, sound cards, USB/FireWire cards or any other computer component not listed above. You will need to supply these components yourself. The front USB, sound, and FireWire ports require a host controller (not included) to operate properly.

## Assembling Your Computer

**WARNING:** Do not attempt to install any computer components with the system plugged in. **Never open your computer case when your system is turned on. Always make sure that the computer is off and unplugged before attempting to assemble or alter your computer.** Computer equipment can also be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching any components. StarTech.com recommends that you wear an anti-static strap when installing any computer equipment. 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 be careful to handle expansion cards and motherboards by their edges and not the gold connectors.

**NOTE:** This section is intended as a guide only. When installing computer components, be sure to refer to the manufacturer's installation documentation before attempting to install the parts.

### Removing the Cover from Your Case

1. Make sure that the case is not plugged in and that you are properly grounded.
2. Gently lay the case on its right side.
3. Simultaneously pull the two green tabs upwards and slide the panel back then lift off towards you so it is entirely removed from the case.

### Closing Your Case

1. Turn the panel so that the two tabs are aligned with the back of the computer.
2. Gently slide the panel into the case until it clicks into place. Make sure that the ridge on the back of the panel is properly aligned with the computer case. When the panel is correctly in place, it will be flush with the rest of the case and can not be removed without unlocking the tabs.

### Installing Your Motherboard

**NOTE:** Please refer to your motherboard manufacturer's installation procedures to ensure proper installation of your motherboard.

1. Open your case using the procedure described above (please see **Removing the Cover from Your Case**).
2. If your motherboard comes with an input/output panel (the collection of ports on the back of your system) that is different than the panel provided by StarTech.com, remove the StarTech.com input/output panel by firmly pressing it from the outside until it pops free. Insert the new input/output panel according to the manufacturer's instructions.

3. Align the motherboard so that the slots and ports on the board line up with the card brackets and input/output panel along the back of the computer. Make note of and mark the holes in the case that line up with holes in the motherboard.
4. Screw your motherboard to the holes in the case making sure you have a red buffer between the screws and the motherboard.
5. Connect the power supply to the motherboard as directed by your motherboard manufacturer.
6. Attach the labeled LED connectors to your motherboard as directed by your motherboard manufacturer.
7. Connect your labelled USB 2.0 plugs to your motherboard according to motherboard manufacturer's specifications.
8. Attach the cables from the rear fan to your motherboard's main fan or exhaust fan as indicated in your motherboard manufacturer's manual.

#### Installing Your Floppy and CD Drives

**NOTE:** Please refer to your disk drive manufacturer's installation procedures to ensure proper installation of the drive.

Depending on the size of your floppy disk drive, you will install it in either the 3.5" bays located just below the hard disk drive, or the 5.25" bays located near the top of the case. Your CD drive will be installed in one of the 5.25" drive bays.

1. Remove the front plastic bay cover of the case.
2. Beneath the plastic bay cover will be a thin plate of metal that has been perforated around the edges. Remove this plate by working it back and forth until it completely snaps off.
3. Make sure that the green-handled floppy latch above the corresponding drive bay is in the "Unlocked" position. When unlocked, the arrow on the drive locking mechanism will be lined up with the arrow beside the locked icon. (The locked/unlocked icons are etched onto the locking mechanism above the green tabs)
4. Slide the disk drive into place, making sure that it is flush with the front panel of the computer and that the screw hole on the disk drive lines up with the hole in the bay.
5. Move the green-handled floppy latch into the "Locked" position to secure the drive.

**NOTE:** If you are going to be moving the computer case, StarTech.com recommends securing the disk drive with a screw to prevent damage.

6. Connect your disk drive to your motherboard and power supply as directed in their respective installation guides.
7. Repeat Steps 1 to 6 for any other disk drives you want to install in their respective 5.25" or 3.5" bays.

### Installing a Hard Disk Drive

**NOTE:** Please refer to your hard disk drive manufacturer's installation procedures to ensure proper installation of the drive.

The hard disk drive bracket is the smaller grey removable bracket located below the 3.5" drive bays.

1. Remove the hard disk drive bracket by pushing down on the green tab and firmly pulling the bracket away from the case.
2. Slide your hard disk drive into the bracket, making sure that the screw holes on the hard disk are aligned with the circular screw holes in the bracket.
3. Screw the hard disk drive to the bracket.
4. Return the hard disk bracket to the computer case by aligning the bracket with the grooves in the case and gently sliding the bracket forward until it clicks.
5. Connect your hard disk drive to your motherboard and power supply as directed in their respective installation guides.

### Removing the Expansion Slot Panel

You will need to remove an expansion slot panel on the back of your computer when you want to add a FireWire card, sound card, etc. to your computer.

1. Remove the silver expansion slot holder by pulling firmly upward on the green tab.
2. Remove one of the grey expansion slot covers by sliding it upwards until it is clear of the computer case.
3. Install your expansion card as directed by the manufacturer.
4. Repeat Steps 2 and 3 for any other expansion cards you wish to install.

**NOTE:** If you are going to be moving the computer case, StarTech.com recommends securing the expansion slot holder with a screw to prevent damage.

5. Replace the slot holder, making sure it clicks into place.

### Using the Front FireWire and Audio Ports

1. Make sure that your computer is equipped with a FireWire card and a sound card and that they have been installed within reach of the cables hanging from the back of the computer.
2. Plug the FireWire and USB cables into the appropriate expansion card or motherboard as directed in that product's manual.
3. Plug the audio cable into your sound card or another board as directed in that product's manual

### **Powering Your Computer**

1. Make sure that the red voltage indicator at the back of your computer is in the proper position (115V for North America and 230V for most European countries).
2. Plug one end of the power cord into the computer and the other into an available wall socket.

### **Enhancing Your Tower Case**

You can increase the performance and security of your StarTech.com mid-tower ATX case with additional products from StarTech.com. Please visit our website for more details and purchasing information.

#### **Installing a Hard Drive Shock Absorber Kit**

The hard drive shock kit (StarTech.com ID: 8300SHOCKKIT) is an excellent way to extend the life of your hard drive. The rubber buffers reduce the system vibrations caused by high RPM drives. This kit is also ideal for people who have to frequently move their PCs.

**NOTE:** For detailed instructions on how to install a hard disk drive, see “Installing a Hard Disk Drive” on page 5.

1. Ease the rubber buffer into the holes on the hard disk bracket. Make sure that the buffer is visible on both sides of the bracket.
2. Place the metal button concave-side-up (so that it looks like a bowl) against the buffer on the outside of the bracket.
3. Insert a screw through the button, buffer, and bracket to attach the bracket to the hard drive. Repeat for the three other holes.

#### **Installing an Extra 3.5” Drive Bay**

With the StarTech.com 8300HDDKIT, you can add two extra 3.5” drive bays to your system without increasing the case size.

1. Separate the bracket from the stand by lifting the black tab and sliding the bracket away from the stand.
2. With your system turned off, unplugged, and standing upright, remove the side panel.
3. Slide the tabs on the stand into the two slots on the bottom of the case.
4. Make sure that the holes in the stand are aligned with the holes in the bottom of the case and use the screw to attach the stand to the case, with the head of the screws

being on the outside of the case.

5. Use the instructions on pages 4 and 5 in this manual to install your drives to the bracket.

## **Technical Support**

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit [www.startech.com/support](http://www.startech.com/support) and access our comprehensive selection of online tools, documentation, and downloads.

## **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.

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