



Eleven  
Hundred



User  
Manual

# Eleven Hundred User Manual

Congratulations on your purchase of the Antec Eleven Hundred!

The new flagship in Antec's Gaming series, the Eleven Hundred, brings ultimate gaming builds to life. The Eleven Hundred's nine expansion slots and space for an XL-ATX motherboard accommodate elite GPU configurations up to 3-way NVIDIA® SLI® / 4-way AMD CrossFireX™. An included top 200 mm exhaust fan, rear 120 mm fan and up to seven more optional fans in strategic positions – including behind the motherboard tray – keep all your components comfortably firing on all cylinders. The Eleven Hundred also lets you organize a clean, powerful build with superior cable routing, including 36 mm of space behind the motherboard tray and grommet-lined cable routing holes.

The Eleven Hundred does not include a power supply. Make sure you choose a power supply that is compatible with your computer components and has a long enough power harness to reach your motherboard and peripheral devices. We recommend our High Current Gamer, High Current Pro or Earthwatts power supplies for the latest ATX specification compliance, broad compatibility, and power savings capability.

At Antec, we continually refine and improve our products to ensure the highest quality. As such, your new chassis may differ slightly from the description in this manual due to improvements applied for the optimal building experience. As of the date of publication, all features, descriptions, and illustrations in this manual are correct.

## **Disclaimer**

This manual is intended only as a guide for Antec's computer enclosures. For more comprehensive instructions on installing the motherboard and peripherals, please refer to the manuals that come with those components.

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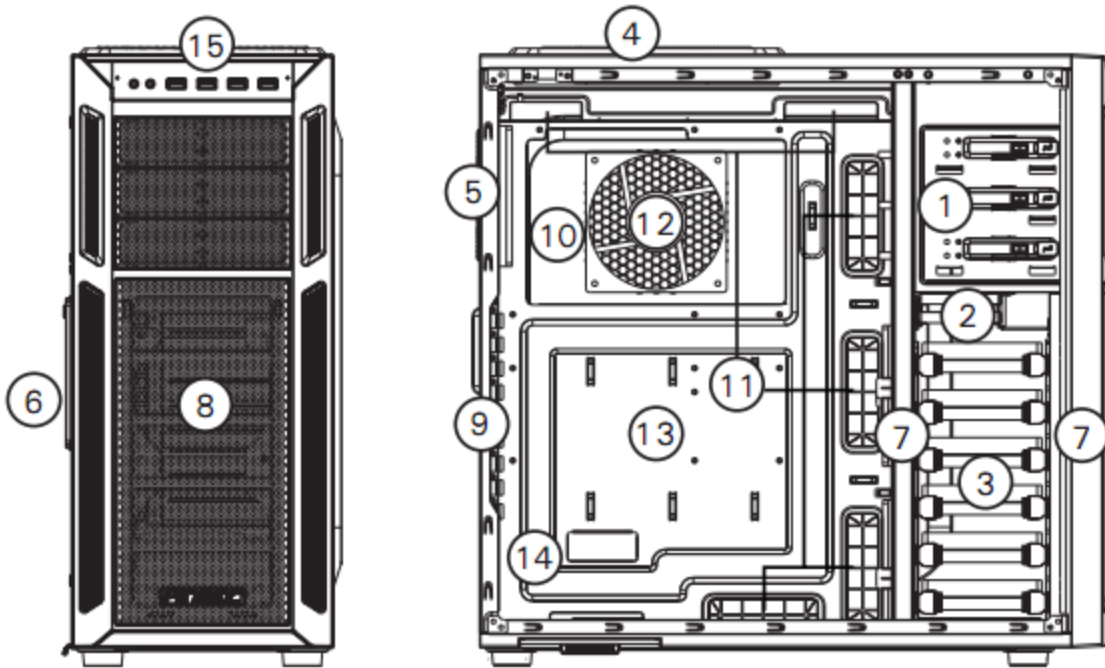
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Section 1

# Introduction

*Eleven Hundred User Manual*



1. 3 x 5.25" tool-less drive bays
2. 2 x 2.5" drive bays (dedicated)
3. 6 x 3.5" drive bays: tool-less rail-mount design
4. 1 x 200 mm blue LED top fan
5. 1 x 120 mm rear fan
6. 2 x 120 mm side panel fans to cool graphics cards (optional)
7. 2 x 120 mm internal intake fans (optional)  
2 x 120 mm front intake fans (optional)
8. Front filter
9. 9 tool-less expansion slots
10. CPU cutout
11. Cable routing holes
12. 1 x 120 mm intake fan behind motherboard (optional)
13. Motherboard: XL-ATX, Standard ATX, microATX or Mini-ITX
14. Power supply mount / PSU intake filter
15. Front Ports (USB 3.0, USB 2.0, Audio I/O)

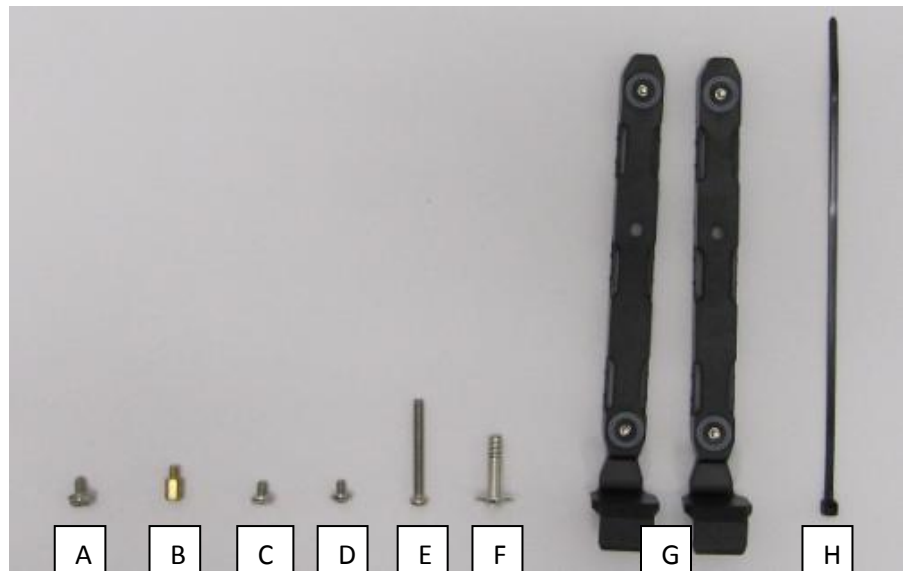
## 1.2 Chassis Specifications

Chassis Type	Super Mid-Tower
Chassis Color	Black
Dimensions	20.7" (H) x 9.3" (W) x 21.5" (D) 527 mm (H) x 237 mm (W) x 546 mm (D)
Weight	20.0 lbs / 9.0 kg
Cooling	- 1 x 200 mm blue LED top fan (standard) - 1 x 120 mm rear fan (standard) - 1 x 120 mm intake fan behind motherboard for CPU cooling (optional) - 2 x 120 mm internal intake fans (optional) - 2 x 120 mm front intake fans (optional) - 2 x 120 mm side panel fans to cool graphics cards (optional)
Drive Bays	- 3 x 5.25" tool-less drive bays - 6 x 3.5" tool-less drive bays - 2 x 2.5" drive-bays (dedicated)
Expansion Slots	9: supports up to 3-way NVIDIA® SLI® / AMD CrossFireX™
Motherboard Size	XL-ATX [13.6" x 10.3" (345 mm x 262 mm)], Standard ATX, microATX, Mini-ITX
Front I/O Panel	- 2 x USB 3.0 with internal motherboard connector - 2 x USB 2.0 - Audio In/Out - Power and Reset buttons located on top panel of chassis

## 1.3 Included Screws

An inventory of all screws and intended usage and quantity is provided here:

- A. PSU screws (4)
- B. Motherboard standoffs (10:6 preinstalled)
- C. Motherboard screw (10)
- D. 5.25" optional drive screw (8)
- E. Front panel fan screws (4)
- F. Side panel fan screw (4)
- G. Drive bay rails for 3.5" (6 pairs)
- H. Zip ties (6)
- I. Standard fan screws (4 – not pictured)



In order to ensure that your building experience with the Eleven Hundred will be a positive one, please take note of the following:

- While working inside your Eleven Hundred, keep your chassis on a flat, stable surface. Make sure your build environment is clean, well-lit, and free of dust.
- Antec chassis feature rounded edges that minimize the occurrence of hand injuries. Nonetheless, exercise caution and control when handling chassis interiors. We strongly recommend taking the appropriate time and care when working inside the chassis. Avoid hurried or careless motions.
- Handle components and cards with care. Do not touch the unshielded components or contacts on a card. Hold a card by its edges. Hold a component such as a processor by its edges, never by its pins.
- To avoid electrostatic discharge, ground yourself periodically by touching an unpainted metal surface (such as a connector or screw on the back of this computer) or by using a wrist grounding strap.
- Before you connect a cable, ensure that both connectors are correctly aligned and oriented. Bent pins can be difficult to fix and may require replacement of the entire connector.
- This manual is not designed to cover CPU, RAM, or expansion card installation. Please consult your motherboard manual for specific mounting instructions and troubleshooting. Before proceeding, check the manual for your CPU cooler to find out if there are steps you must take before installing the motherboard.
- Do not sit on your chassis. Although it is constructed of heavy-duty steel and internally reinforced, it is not designed to support the weight of an adult, and may buckle.
- Remember to use the right tools for each task. Do not use improvised screwdrivers like coins, nails or knife blades as they may result in damage to screw threads or even injury. Do not use your fingernails to separate edges or lift the sides of the chassis, as paint chipping or injury may occur.

Section 2

# Hardware Installation



## 2.1 Setting Up

Put the case upright on a flat, stable surface so that the rear panel (power supply and expansion slots) is facing you.

To remove the left and right side panels, remove each of the two thumbscrews first. Remove the panel by gripping the end of the panel at the top & bottom and swinging the panel outward. Do not pull the panel back toward the rear of the chassis.

**Note:** Place the panel thumbscrews aside in a safe place.

**CAUTION:** Do not use your fingernails to pry or lift the panels. Damage to the panels or injury to your fingernails may result.

## 2.2 Removing the Front Bezel

You may need to remove the front bezel in order to install drives or access the air filters.

Remove the bezel by pulling the placing your hand in the notch and pulling the bezel towards you, starting from the bottom. You may encounter some resistance the first time you remove the bezel; this is normal.



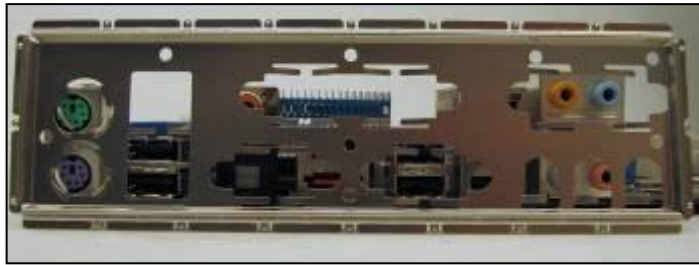
*Remove the front bezel by pulling it toward you from the bottom.*

## 2.3 Motherboard Installation

Before proceeding:

Check the manual for your CPU cooler to find out if there are steps you must do before installing the motherboard.

Make sure you have the correct I/O panel for your motherboard. If the panel provided with the chassis isn't suitable, please contact your motherboard manufacturer for the correct I/O panel.



*Make sure you have the correct I/O panel.*

The Eleven Hundred comes with six preinstalled motherboard standoffs. These are positioned for Standard ATX motherboards but can be relocated to accommodate other form factors.

1. Align the motherboard with the standoff holes on the motherboard tray and remember or mark which holes are lined up.
2. Install standoffs as needed and put the motherboard in.



*Install the motherboard standoffs by aligning the motherboard with the standoff holes.*

### **CAUTION**

Make sure to remove any unused motherboard standoffs. They may come into contact with the back of the motherboard and may electrify your chassis exterior if left connected.

3. Screw your motherboard into the standoffs with the provided motherboard mounting screws.

## 2.4 Installing KUEHLER H<sub>2</sub>O Liquid Coolers

The following instructs how to install the Antec KUEHLER H<sub>2</sub>O liquid CPU cooler (620 / 920). For any other CPU coolers, please consult your manufacturer's installation guide.

### Caution:

Check your motherboard's CPU socket to ensure its compatibility with the KUEHLER H<sub>2</sub>O. The KUEHLER H<sub>2</sub>O 620 / 920 is compatible with the following CPU sockets:

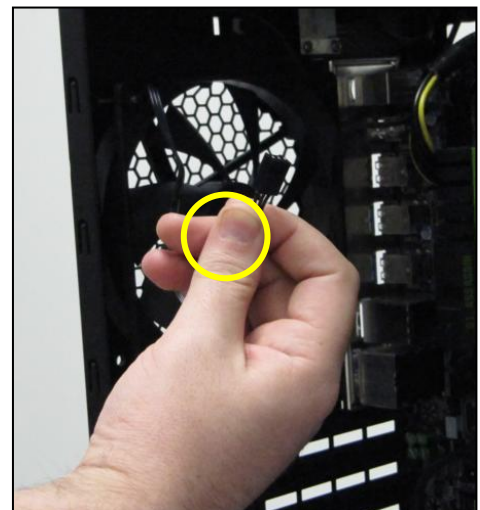
Intel® LGA 1155 / 1156 / 1366 / 2011\*

AMD® AM2 / AM3 / AM2+ / AM3+

\*Your unit may not contain the LGA 2011 mounting bracket. To receive this bracket, please contact Antec customer support (information is listed at end of manual).

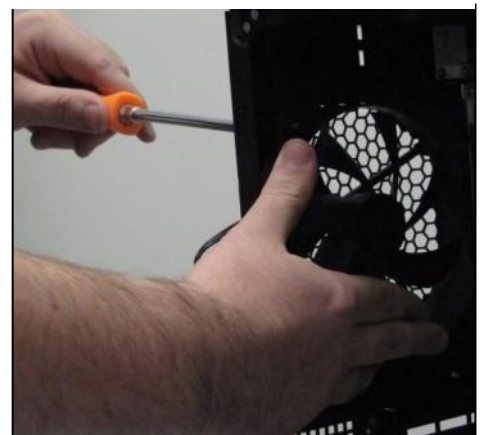
\*\*Be sure to install the KUEHLER H<sub>2</sub>O with the end of the tubes positioned at the bottom of the radiator.

1. Disconnect the 3-pin power connector of the rear fan from the fan power hub.



*Disconnect the 3-pin power connector.*

2. Remove the rear fan by unscrewing the fan from the back of the chassis.



*Unscrew the rear fan to remove it.*

3. Preparing the KUEHLER H<sub>2</sub>O backplate is specific to your CPU socket. Please refer to the KUEHLER H<sub>2</sub>O installation guide, available at [http://www.antec.com/Believe\\_it/product.php?id=Mjc2OCYxNw==](http://www.antec.com/Believe_it/product.php?id=Mjc2OCYxNw==) (KUEHLER H<sub>2</sub>O 620) or [http://www.antec.com/Believe\\_it/product.php?id=NzA0MzcwJjE3](http://www.antec.com/Believe_it/product.php?id=NzA0MzcwJjE3) (KUEHLER H<sub>2</sub>O 920) for more information.
4. Prepare the retention ring according to the CPU socket you're using.
5. Complete installation according to the KUEHLER H<sub>2</sub>O instructions.

## 2.5 Power Supply Installation

1. With the case upright, place the power supply in the case and align the rear of the unit with the mounting holes.
2. Attach the power supply to the case with the screws provided.



*Attach the power supply with the provided screws.*

The Eleven Hundred features a removable PSU filter that can be unlocked for maintenance and locked for transport. To remove the PSU filter, push the ends of the filter down and then pull the filter toward you using the tab outside of the chassis. You can also lock the filter by pulling the tab upward (once the filter is completely installed).



*Push down on the ends of the filter to unlock it.*

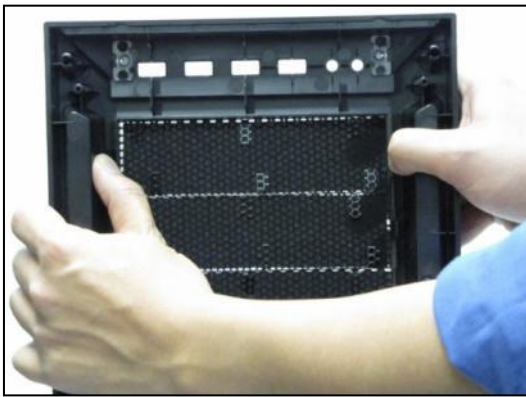


*Remove the filter by pulling on the tab outside the chassis.*

## 2.6 External 5.25" Device Installation

Before you begin, you should remove the front bezel as directed in Section 2.2.

1. Remove the front bezel as directed in Section 2.2.
2. Remove the drive bay cover by pressing down on the cover tabs and then lifting the cover out from the inside of the bezel.
3. Slide your 5.25" drive through the front of the chassis until it lines up flush with the front bezel. You will feel the drive lock into position.
4. If you need more clearance on the inside of the chassis for your drive, pull the drive bay tab on the inside of the chassis toward you and push the drive in further.



*Press down on the drive cover tabs.*



*Remove the drive bay cover.*



*Slide your drive until it locks.*



*Pull on the tab to adjust drive bay clearance.*

## 2.7

## Internal 2.5" Device Installation

There are two dedicated 2.5" drive bays in the Eleven Hundred. To install a 2.5" drive:

1. With the side panel open, slide your 2.5" drive into the drive bay so that the drive's holes align with the drive bay holes.
2. Secure your drive with the 2.5" screws provided (D in Section 1.3).



*Align your drive's holes with the drive bay holes when sliding it in.*

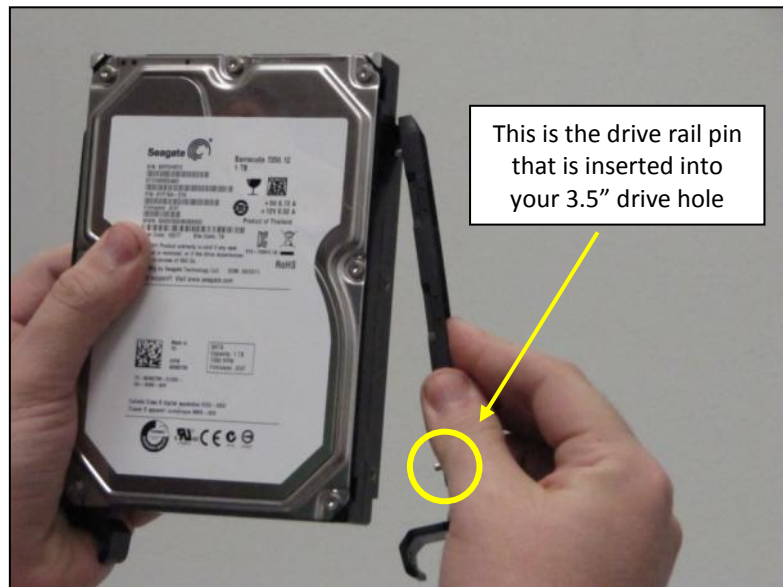


*Secure your drive with the provided 2.5" screws.*

## 2.8 Internal 3.5" Device Installation

The Eleven Hundred includes 6 pairs of 3.5" drive rails. You will need 1 pair per 3.5" drive.

1. Line up the drive rail pins to the sides of your 3.5" drive. Ensure that the squeeze-tabs are aligned on the side of your drive that does not have power or data connectors.
2. Snap the rail into place.
3. Repeat steps 1-2 for the other side of the 3.5" drive.
4. Pinch the ends of the drive rails together and slide the drive into the 3.5" bay until it locks into position.



***Pinch the ends of the drive rails and then slide your drive into the 3.5" bay until it locks into position.***

## 2.9 Cable Management

There is a cable management compartment between the motherboard and right side panel, as well as cable ties located on the back of the motherboard panel. You can tuck excess cables in this compartment or route them to the drive bays.

Choose the cables you would like to pass through the holes behind the motherboard tray. Pull them through the hole toward the right side of the case.

Use the cable ties provided to hold your cables in place. Cable ties can be anchored to tiedown locations on the back of the motherboard panel.

For cables which will be routed back to front drives or other internal accessories, feed the cables back through the insertion point nearest the destination of the cable. Connect the cable and then pull the slack back to the right side of the case.



***Use the grommet-lined cable routing holes to route PSU cables.***

For cables which will be routed directly to front drives or other internal accessories, cable tiedowns are located along the drive cage. Bundle front drives' or other internal accessories' cables together and secure them using tiedowns.

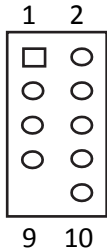


Section 3

# Front I/O Ports

### 3.1 USB 2.0

Connect the front I/O panel USB cable to the USB header pin on your motherboard. Check your motherboard user's manual to ensure that it matches the table below:

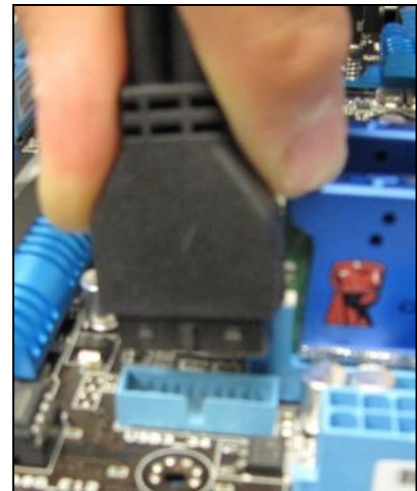


Pin	Signal Names	Pin	Signal Names
1	USBPower1	2	USBPower2
3	NegativeSignal1	4	NegativeSignal2
5	PositiveSignal1	6	PositiveSignal2
7	Ground1	8	Ground2
9	Key(No Connection)	10	Empty Pin

### 3.2 USB 3.0

The Eleven Hundred comes with two front panel USB 3.0 ports and includes an internal motherboard connector. To access USB 3.0 capability from the front panel:

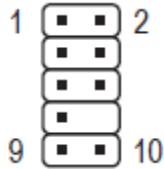
1. Identify the USB 3.0 header on your motherboard.
2. Connect the USB 3.0 header to the motherboard port. Be sure to align the connector in the proper orientation so that you do not damage the pins on your motherboard.



***Align the connector properly to prevent damage to your motherboard.***

### 3.3 AC'97 / HD Audio Ports

There is an Intel® standard 10-pin AC'97 connector and an Intel® 10-pin HDA (High Definition Audio) connector linked to the front panel of the chassis.

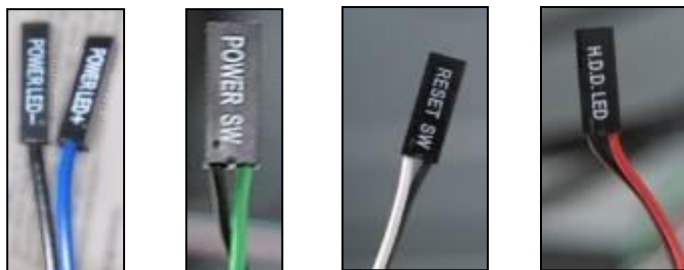


Pin	Signal Names (HDA)	Pin	Signal Names (AC'97)
1	MIC2L	1	MIC In
2	AGND	2	GND
3	MIC2R	3	MIC Power
4	AVCC	4	NC
5	FRO-R	5	Line Out(R)
6	MIC2_JD	6	Line Out(R)
7	F_IO_SEN	7	NC
8	Key (no pin)	8	Key (no pin)
9	FRO-L	9	Line Out(L)
10	LINE2_JD	10	Line Out(L)

You can connect either the AC'97 or the HDA connector, depending on your motherboard. Locate the internal audio connectors from your motherboard or sound card and connect the corresponding audio cable. Consult your motherboard or sound card manual for the pin-out positions. Even if your system supports both standards, only use one connector.

### 3.4 Power Switch / Reset Switch / Hard Disk Drive LED Connectors

Connected to your front panel are LED leads for power and HDD activity, as well as switch leads for the power and reset buttons. Attach these to the corresponding connectors on your motherboard. Consult your motherboard manual for specific pin header locations. For LEDs, colored wires are positive ( + ). White or black wires are negative ( - ). If the LED does not light up when the system is powered on, try reversing the connection. For more information on connecting LEDs to your motherboard, see your motherboard user's manual.



*Front panel leads*

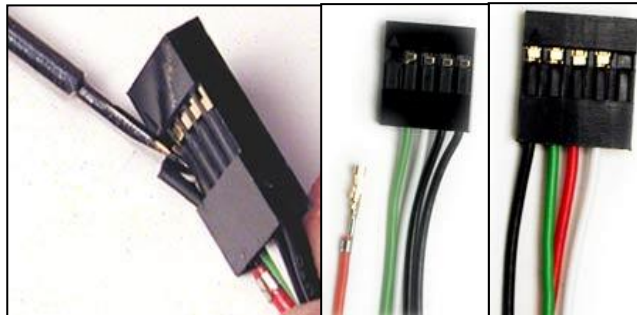
**Note:** Polarity (positive and negative) does not matter for switches.

## 3.5

### Rewiring Motherboard Header Connections

There may come a time when you need to reconfigure the pin-out of a motherboard header connector. Examples could be for your USB header, audio input header, or some other front panel connector such as the Power Button connector.

Before performing any work, please refer to your motherboard user's manual or your motherboard manufacturer's website to confirm the pin-out needed for your connector. We strongly recommend making a notated drawing before beginning work so that you can recover if your work gets disturbed.



*Front panel headers*

Determine which wires you need to remove in order to rewire your plug to match the USB pin-outs on your motherboard (refer to your motherboard user's manual). Working on one connector at a time, use a very small flathead screwdriver or similar tool to lift up on the black tab located beside the gold posts (squares). This will allow you to easily slide out the pins from the USB plug.

Working carefully so as not to damage the wires, connectors, or pins, slowly remove the pin from the connector. Repeat these steps for each wire you need to change.

Working carefully so as not to damage the wires, connectors or pins, slowly insert the pin into the correct slot of the connector then snap closed the black tab that was lifted in step 1. Repeat these steps for each wire you need to change.

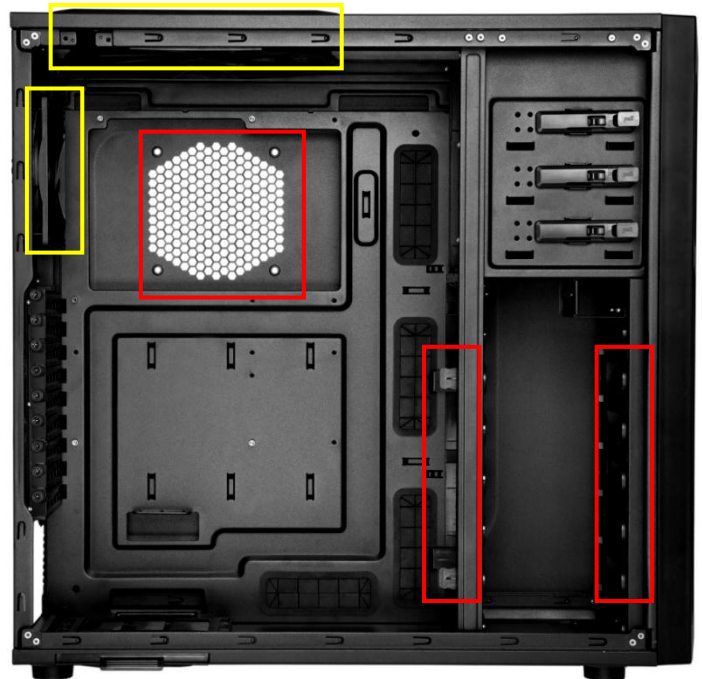
Section 4

# Cooling System

## 4.1 Included Fans

The Eleven Hundred comes with two standard single-speed fans (yellow outline) – a rear 120 mm fan and a top 200 mm blue LED fan. You can turn the top fan's LED off using the switch on the back of the chassis.

The red rectangles indicate additional fan mounts. Mounting procedures for these fans is discussed in Section 4.2.



## 4.2 Optional Fans

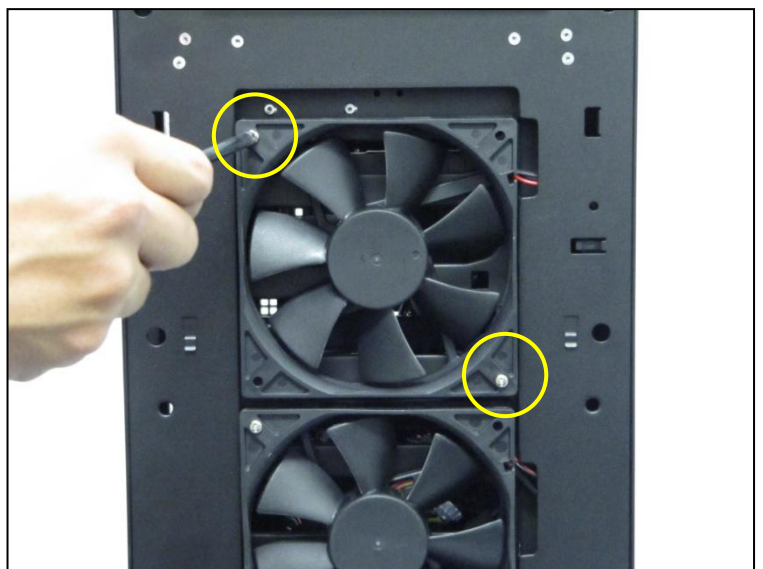
The Eleven Hundred includes mounts for up to seven more fans. These mounts are as follows:

- 2 x front intake 120 mm mounts
- 2 x internal intake 120 mm mounts
- 2 x side 120 mm mounts
- 1 x 120 mm mount behind motherboard

### Front intake 120 mm fans

You can install these fans using 2 of the long screws provided. First, be sure to remove the front bezel as outlined in Section 2.2.

1. Align the fan with the screw holes and screw in the fan in the top-left and lower-right holes (as pictured).
2. Screw in the long fan screws (Screw E in Section 1.3).



*Be sure to screw in the fan in the top-left and lower-right holes first.*

### Internal intake 120 mm fans

Just outside of the 3.5" drive bay area are two fan mounts for 120 mm internal intake fans.

1. Align your fan with the pegs that correspond with the fan screw holes on the fan.
2. Push your fan into the slot until secure. You will hear your fan lock into place when the brackets around the fan snap into place.

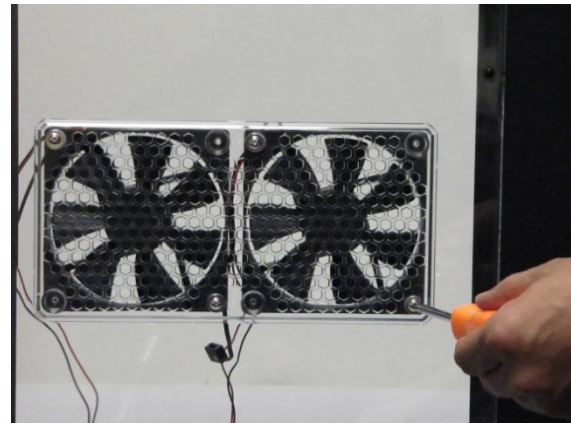


*Secure an intake fan into place by aligning it with the pegs that correspond with the fan screw holes.*

### Side 120 mm fans

On the clear side panel, there are two fan mounts for 120 mm intake fans.

1. Align your fan(s) with the pegs that correspond with the fan screw holes on the fan. The fan should be installed with air blowing into the case.
2. Screw in the fan screws (F in Section 1.3) through the white grommets.

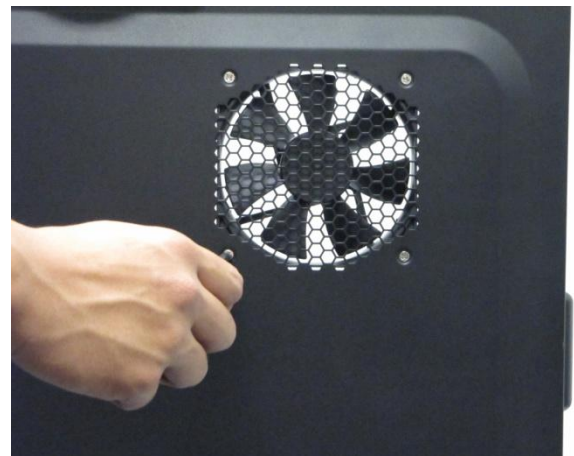


*Screw the side fans into place by aligning them with the pegs that correspond with the fan screw holes.*

### 120 mm fan behind motherboard

There is a 120 mm fan mount on the non-windowed right side panel to help with CPU socket cooling.

1. Align your fan with the mounting holes. The fan should be installed with air blowing into the case.
2. Screw in the fan with the included screws (I in section 1.3).



*Screw the fan into place by aligning it with the pegs that correspond with the fan screw holes.*

## 4.3 Air Filters

There are two filters in the Eleven hundred that can be removed and cleaned: the front filter and the PSU intake filter. You can access the front filter by opening the front door and pushing down on the tabs at the top of the filter.

To remove the front air filter:

1. Remove the front bezel as described in Section 2.2.
2. Push down on the tab on the filter and pull it away from the inside of the bezel.



*Push down on the filter tab before attempting to pull it away.*

The Eleven Hundred features a removable PSU filter that can be unlocked for maintenance and locked for transport.

To remove the PSU filter:

1. Push the ends of the filter down to ensure that the filter is unlocked.
2. Remove the filter by pulling the tab toward you using the tab outside the chassis.

The filter is also lockable by pushing up on the tab once the filter is fully inserted into the chassis.



*Unlock the filter by pushing down on the filter's ends.*



*Pull the filter toward you using the tab outside the chassis.*



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