





New Solution SeriesNSK 1300

User's Manual

Manuel de l'utilisateur Anwenderhandbuch Manuale per l'operatore Manual del usuario 取扱説明書 At Antec, we continually refine and improve our products to ensure the highest quality. So it's possible that your new case may differ slightly from the descriptions in this manual. This isn't a problem; it's simply an improvement. 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 user's manuals which come with the components and drives.

New Solution Series User's Manual

NSK 1300

Micro ATX Mini Desktop Case

Your case features a quiet 300 watt power supply, with Universal Input and Power Factor Correction (PFC). This power supply comes with a quiet 120mm low speed fan that exhausts heat from the case.

Setting Up

- 1. Take the case out of the box. Remove the styrofoam and plastic bag.
- 2. Put the case on a flat, stable surface.
- 3. Place the case upright. The power supply fan at the back should be facing you.
- 4. Remove the screw from the rear of the case and remove the top panel by sliding it towards the rear of the case. Set the panel aside in a safe place.
- 5. There is a locking tab at the rear of each of side panel. Squeeze and hold the tab while pushing the panel towards the front of the case to release the side panel. Remove both panels.
- Inside the case, you'll see the power supply, some wiring with marked connectors (USB, PWR etc.), an installed I/O panel and a power cord. You'll also find a bag of hardware (screws, clip-on standoff, USB extension adapter, etc.).

Installing the Motherboard

This manual does not cover CPU, RAM, or expansion card installation. Please consult your motherboard manual for specific mounting instructions and troubleshooting.

- 1. Make sure you have the appropriate I/O panel for your motherboard. If the standard panel provided with NSK 1300 is not suitable for your motherboard, please contact your motherboard manufacturer for the correct I/O panel.
- 2. This case comes with three brass standoffs and three clip-on standoffs preinstalled for easy installation. Line up the holes on your motherboard with the standoffs, to install the motherboard slide the board towards the rear of the case until the hook on each of the clip-on standoffs attaches to the holes on the motherboard. Not all motherboards will match with all of the provided standoffs; this is normal, and won't affect functionality. (In other words there will likely be extra standoffs.) Remove unnecessary standoffs. There are two

empty holes on the case. Insert the extra clip-on standoffs in your tool bag onto the holes should your motherboard require it.

3. Attach your motherboard to the brass standoffs with the provided Phillips-head screws. Your motherboard is now installed.

Connecting the Power and LED

Before you connect the power supply to any of your devices, please consult the appropriate user manuals for your motherboard and other peripherals.

In low temperatures, the fan may run as slow as 1500 RPM. At these speeds, some motherboards may not properly detect the fan speed and may generate false warnings of fan failure. To ensure proper monitoring of the fan, please check your motherboard manual.

 Connect the 24-pin Main Power Connector and the 4-pin + 12V connector to your motherboard as needed. If your motherboard uses a 20-pin connector, detach the 4-pin attachment on the 24-pin power connector (see pictures 1 and 2). Note: the detachable 4-pin section cannot be used in place of the 4-pin + 12V connector.



For 24-pin motherboards

Picture 2



- Connect the Reset switch (labeled RESET SW) to your motherboard at the RST connector. Make sure the label always faces the front of the case.
- Connect the Power Switch (labeled POWER SW) to the PWR connector on your motherboard.

Connecting the USB Ports

You will find a single 10-pin connector on a cable attached to the front USB ports. This is an Intel standard connector, which is keyed so that it can't be accidentally reversed as long as it is connected to a proper Intel standard motherboard header. Connect the 10-pin connector to your motherboard headers so that the blocked pin fits over the missing header pin.

Note: Please check your motherboard manual for your USB header pin layout and make sure it matches the attached table. If it does not match this Intel standard, please call Antec customer service at (800) 22ANTEC (North America) or +31 (0) 10 462-2060 (Europe) to buy a USB adapter. This adapter will allow you to connect the front USB to your motherboard on a pin-by-pin basis.

1	2	
	0	
0	0	
0	0	
0	0	
	0	
9	10	

Pin Assignment for Front Panel USB connector

Pin	Signal Names	Pin	Signal Names
1	USB Power 1	2	USB Power 2
3	Negative Signal 1	4	Negative Signal 2
5	Positive Signal 1	6	Positive Signal 2
7	Ground 1	8	Ground 2
9	Key (No Connection)	10	Empty Pin

Connecting the Audio Ports

There is an Intel standard 10-pin connector (with 7 individual wires with connectors) coming out from the front panel speaker and microphone connection. If the motherboard supports Intel's standard onboard audio connector, you can plug in the 10-pin connector directly onto the board. For non-Intel standard audio connection, you need to plug the 7 individual connectors to the motherboard. See instruction below:

Locate the internal audio connectors from the motherboard or sound card. Consult the motherboard or sound card manual for the pin-out positions.

- 1. Microphone Signal Pin: Connect the MIC connector to this pin.
- 2. Microphone Power: Connect the MIC-BIAS connector to this pin.
- 3. Ground Pin: Connect the AUD GND connector to this pin.
- 4. Front Right Speaker Out Pin: Connect the FPOUT-R connector to this pin.
- 5. Front Left Speaker Out Pin: Connect the FPOUT-L connector to this pin.
- 6. Rear Right Speaker Out Pin: Connect the RET-R connector to this pin.
- 7. Rear Left Speaker Out Pin: Connect RET-L connector to this pin.

Drive Installation

NSK 1300 incorporates a rapid-release flip up drive cage for easy drive installation. The cage includes up to four drive bays: one external 5.25" bay with universal optical drive bay cover, three internal 3.5".

To install the external 5.25" device:

- 1. Remove the flip-up drive cage.
- Insert the 5'25" device and align the screw holes to the rear set of holes on the cage. Fasten the drive with the screws included. (See Picture 3)

Note: If you choose not to use the universal drive bay cover, please remove the cover from the front bezel and align the screw holes to the front set of holes on the case.

- To Install the internal 3.5" drives: You can install up to three hard drives internally. We recommend installing your main drive under the 5.25" bay horizontally.
- Insert the HDD to the drive bay under the 5.25" bay and fasten the drive with the special screws (the one with the rubber grommet).
 Note: The special screws will absorb the vibration from the hard drive to lower the noise. There are two thermal interface tapes on each side of the

bay to dissipate heat away from the HDD to the cage. This will lower the HDD temperature. (See Picture 4)

4. You can also install two hard drives vertically side by side of the 5.25" bay. A thermal interface tape is also preinstalled to each of the drive bay. Fasten the drive as described.

Note: You may not be able to use the additional vertically mounted 3.5" drive bays as they may interfere with the internal components.



Picture 3



Picture 4

Optional CPU fan Installation

Please follow the pictures directions if you want to install the optional CPU fan bracket / Fan not included.



Picture 5



Picture 6



Picture 7



Picture 8

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