

NZXT.TM



M59

User's manual

Thank you.

Dear valued customers,

Thank you for purchasing our product. We are thankful to all our fans for the continuing support, after just four years since entering the computer chassis market with the Guardian in 2003, NZXT is now an established gaming brand and manufacturer of quality hardware in the market today. Since then, we have stayed true to our goal, which was to continuously provide innovative next generation products. With every product, we are still breaking more boundaries and limits. Once again, thank you and all NZXT fans for the support and we hope to bring more amazing products in the coming years.

After you complete your installation, please come by our community forums at www.nzxt.com/forum and voice your opinions with thousands of NZXT fans from around the world

Sincerely,
NZXT Team

M59 Specifications

Features

- Immense Performance: 5 fan capability (Side 120MM LED fan rear 120mm exhaust included)
- Night light: An ambient light sits over the 5.25" drives to give visibility in dark rooms or at LAN parties
- Black on Black: Smoked clear window and a black interior gives the best combination of black on black.
- Meshed front panel allows for more airflow
- 5.25" Stealth bay to keep a clean look
- NZXT Solid State bracket allows for two SSD drives to be installed
Wire Routing: Motherboard punched holes allows for quick CPU bracket removable and optimal wire routing. Turned HDD also helps with providing a cleaner look.
- Pre-drilled water cooling holes on the back plate
Front mounted USB, Audio, and E-SATA ports
- Support for external dual radiator at the top of the chassis
- High end graphics card support, the M59 features space that is especially designed to fit longer 10.5" cards

Detailed specifications

Dimensions (HxWxD): 449mm x 190mm x 508mm

Weight: 6.5 Kg

4 x External 5.25" Bays

7 x Internal HDD bays

Cooling Options:

1 x 120 mm

1 x 120mm Rear Exhaust (included)

1 x 120mm Side Intake LED (included)

2 x 120/140mm Top exhaust

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NOTE: CPU, RAM and any peripheral installation are not included in this manual. Please refer to your motherboard manual for related mounting instructions and troubleshooting.

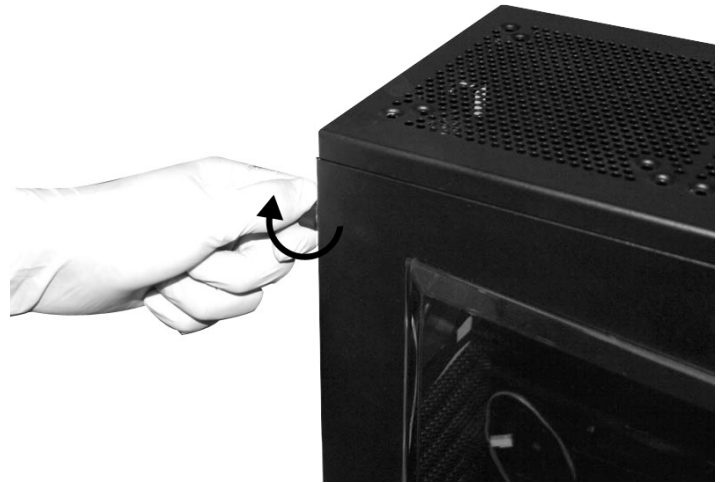
Before Beginning..

For safety issues, it is highly recommended that all users wear gloves during installation. Also, if you have any questions during installation, please send an email to service@nzxt.com before proceeding. Thank you.

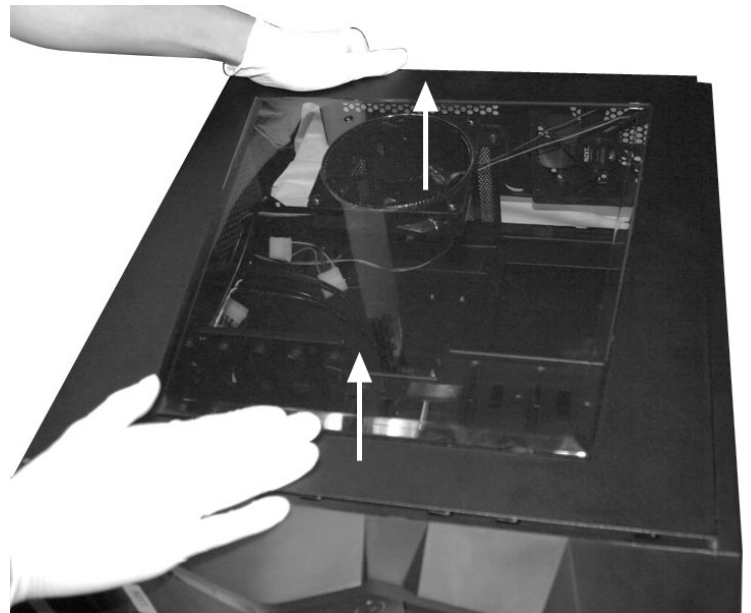
Getting starting

For users building a new system, it is recommended that the side panels are removed before beginning the installation. The following steps will outline the steps to remove the top, side panels and the motherboard tray.

- 1. Remove the thumb screws securing the side panels.



2. Pull the side panel back, and then lift the panel to remove it.



Motherboard Installation

Please refer to the case interior infrastructure and secure the power supply at the back of the case by using the screws provided.

1. Match the motherboard form factor (ATX, M-ATX, Mini-ATX) with the holes on the motherboard tray
2. Secure the standoffs onto the holes which match your motherboard
3. Lay the motherboard onto the standoffs and then continue to secure the motherboard with the screws provided.

LED, Power and Reset Installation

Please refer first to your motherboard manual to locate where the power switch and reset pins are located. The power and reset buttons are located at the front of the chassis. The colors following each instruction designate the color of the wires.

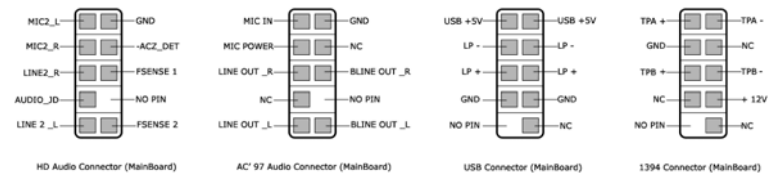
1. Connect the reset switch (labeled RESET SW) by connecting to your motherboard RESET connector. Make sure you always attach the white wire to ground. (Purple/Black +/-)
2. Connect the power switch pin (labeled POWER SW) to the PWR connector on the motherboard. (Yellow/Black +/-)
3. Connect the HDD LED (labeled H.D.D LED) to the appropriate headers on your motherboard. The HDD LED located on the front panel should flash Blue when there is activity in the hard drive. (Green/Black, +/-)
4. Connect the POWER LED(labeled +P LED/-P LED) to the appropriate headers on your motherboard.(Blue/Black,+/-)

All Black Pin Connectors correspond to ground.

USB Installation

1. The USB is located at the front of the case

2. Refer to your motherboard manual and match the labels on the USB port connectors with your motherboard in order to install.

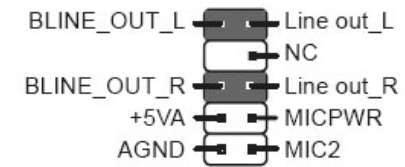


Audio Port Installation

1. Please first refer to your motherboard manual and match the labels on the audio wires with your motherboard pins.
2. The green input is the speaker input and the pink input is the microphone input.

Case Pins	Signal Description	ASUS® Pins
MIC-IN	Front Microphone input Signal	MIC2
MIC-POWER	Front Microphone Power	MICPWR
GROUND	Front Audio Ground	AGND
L-OUT	Front Left Channel Audio Signal	Line out_L
R-OUT	Front Right Channel Audio Signal	Line out_R
L-RET	Rear Left Channel Audio Signal	BLINE Line out_L
R-RET	Rear Right Channel Audio Signal	BLINE Line out_R

FP_AUDIO



ASUS® Motherboard Pin Assignment

External 5.25" Drive Bay Installation

Please follow the directions below to install the 5.25" in the M59 chassis. In order to use the stealth 5.25" bay for M59, the optical device must be mounted behind the 5.25" stealth bay.

1. Remove the front panel of the chassis by pulling from the opening at the bottom of the front panel.



2. Remove the 5.25" black mesh for the 5.25" bay, by pushing the clips aside



3. Slide the 5.25" drive in from the front of the chassis



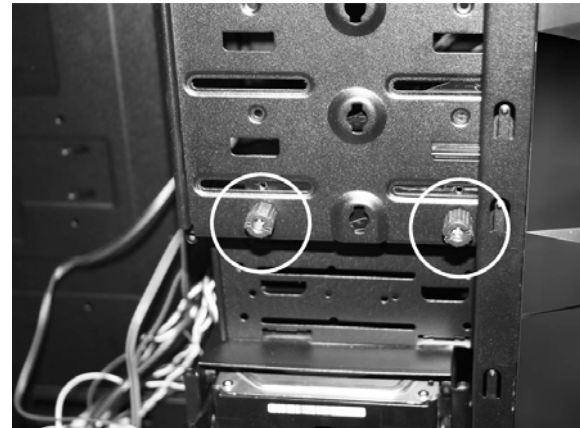
Insert the 5.25" Device through the opening

4. Match the 5.25" device with the bay and turn the thumbscrews provided to secure



Attach the thumbscrews and turn to secure

5. Attach the corresponding amount of thumbscrews to secure firmly



Internal 3.5" , 2.5" SSD Hard Drive Installation

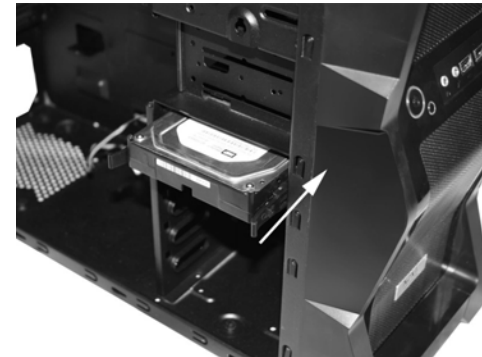
In order to allow for optimal airflow and better wire management, M59 allows the user to mount the hard drives towards the motherboard panel. Please follow the directions below to install the internal 3.5" HDD devices

1. Open the side panel to gain access inside the chassis

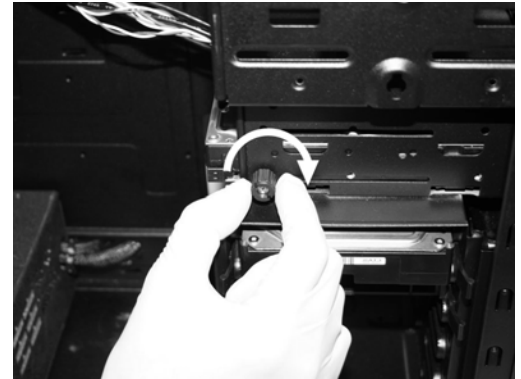
2. Attach the rails onto the hard drive



3. Slide the bracket back into the cage to secure it



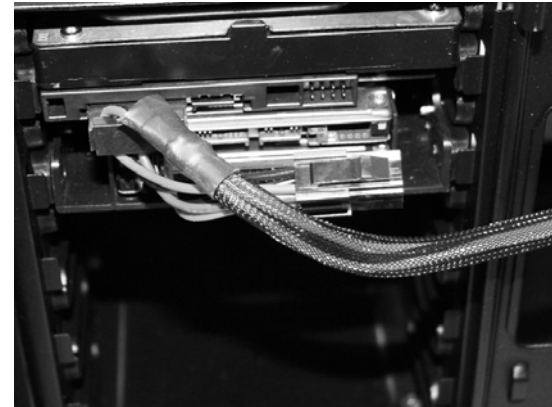
4. If you wish to use the 3.5" external bays to secure the hard drives, please use the thumbscrews provided



5. For 2.5" SSD, use the 2.5" to 3.5" bracket provided, the bracket can fit a total of two 2.5" drives. Similar to the 3.5" drives, you can attach the rails and slide into the hard drive cage once the SSD is secure on the bracket.



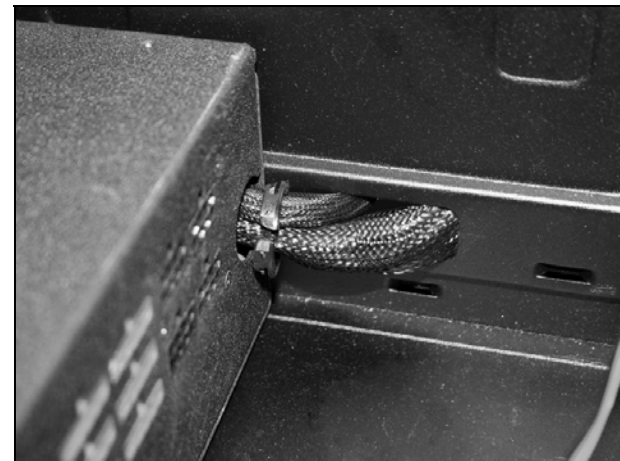
6. Lastly, NZXT recommends users route the hard drive power cables from the back of the motherboard for better airflow and wire management



Wire routing and CPU fan bracket removal

The M59 is designed to allow for optimal airflow and wire management inside the chassis, please follow the guidelines below on how to use the features.

1. Route PSU cables through the bottom opening and use the punched holes to tie any loose cables

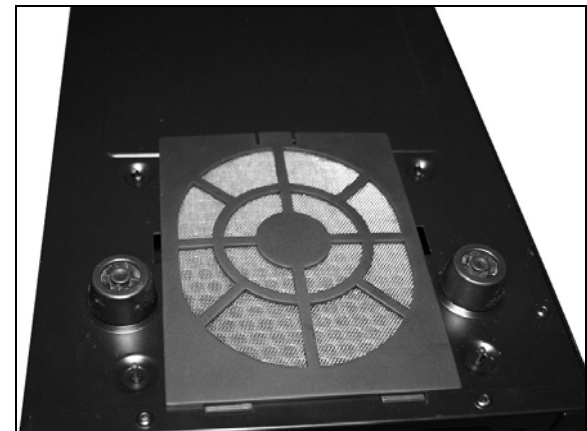


2. Remove heat sinks easily through the CPU punch-out on the motherboard tray



PSU filter removal

In order to remove the filter for the power supply, please unscrew the four screws at the bottom of the chassis.





Support and Service

If you have any more questions or have problems with the NZXT product you purchased, please don't hesitate to contact service@nzxt.com along with a detailed explanation of your problem and your proof of purchase. You may inquire about replacement parts at rma@nzxt.com.

Thank you again for purchasing an NZXT case. If you have any more comments or questions. Please visit our website or send us an email.

NZXT Website: www.nzxt.com
Email our design team: designer@nzxt.com