

**NZXT.**<sup>™</sup>



**GUARDIAN 921**

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](http://www.nzxt.com/forum) and voice your opinions with thousands of NZXT fans from around the world

Sincerely,

**NZXT Team**

## Table of Contents

Thank you .....	1
Guardian 921 Specifications .....	3
Before Beginning.. .....	4
Power Supply Installation.....	4
Motherboard Installation .....	4
LED, Power and Reset Installation .....	5
USB & Audio Installation.....	5
5.25" Screwless Drive Bay Installation .....	7
Hard Drive Installation.....	8
Front 12CM Fan Installation.....	8
Support and Service .....	10

## Guardian 921 Specifications

**Constant Temperature Monitoring:** A three temperature probe monitoring system allows the user to constantly gauge and check the temperatures in their system. Monitor your system at all times to prevent any overheating and damage to the system.

**Spacious interior and solid construction:** Built from solid .8mm and 1.0mm steel, the Guardian 921 gives the user ample space for large high end video cards and space for up to four internal hard drives.

**NZXT Crafted Series design:** As a new addition to the Crafted Series, the Guardian 921 once again takes design cues from gaming culture with elegant curves and a newly designed clear side panel allowing the user to see the components inside.

**Cooling with low noise:** The Guardian 921 comes standard with all the fans installed maximizing cooling with low noise.

**Multimedia and peripheral inputs:** E-SATA, Intel HD audio, mic and two USB inputs are standard with Guardian 921 allowing for maximum peripheral input.

MOTHERBOARDS: E-ATX, ATX, MICRO ATX

DRIVE BAYS:

5 EXTERNAL 5.25" DRIVE BAYS

1 EXTERNAL 3.5" DRIVE BAYS

4 INTERNAL 3.5" HDD DRIVE BAYS

7 Expansion Slots

COOLING FANS

Front, 1 x 120mm blue LED fan (Included)

Rear, 1 x 120mm fan (Included)

Side, 1 x 120mm blue LED fan (Included)

CHASSIS

DIMENSIONS (W x D x H): 206 x 522 x 459 mm

CHASSIS MATERIAL: Steel

CHASSIS WEIGHT : 8.20 Kg

## 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](mailto:service@nzxt.com) before proceeding.

## Power Supply Installation

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

**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.

## Motherboard Installation

The Guardian 921 supports the following motherboard: ATX, BABY AT, MINI ATX, and MICRO ATX. The Index for the standoff holes are as follows. (Imprinted on the motherboard tray are serial numbers that match certain motherboards)

**A1~A9 ATX**

**B1~B9 BABY AT**

**M1~M9 MINI ATX**

**U1~U7 MICRO ATX**

In order to install your motherboard go through the following steps:

1. Lay your case down so you can see the drive cages and the standoff holes on the motherboard tray.
2. Take your motherboard and match the standoff holes.
3. Remembering which standoff holes your motherboard needs, proceed to screw the brass standoffs onto the

motherboard tray. ( Note: If you find that some holes are unused, this is normal, this case is made to support for many motherboard sizes )

4. Place your motherboard on top of the brass standoffs and attach it to the tray using screws provided.

## LED, Power and Reset Installation

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

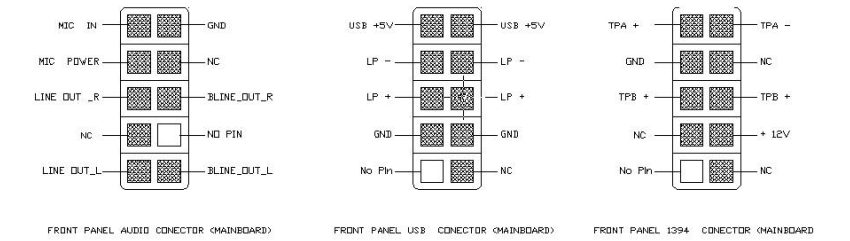
1. Connect the Reset switch (labeled RESET SW) by connecting to your motherboard RESET connector. Make sure you always attach the white wire to ground. The reset switch is located inside the front door. (Blue/White +/-)
2. Connect the Power Switch pin (labeled P LED +/-) to the PWR connector on the motherboard. The power switch is the chrome piece on the front panel. (Green/White +/-)
3. Connect the HDD LED (labeled H.D.D LED) and HDD LED connectors to the appropriate headers on your motherboard. The HDD LED located on the front panel should flash red when there is activity in the hard drive. (Red/White, +/-)
4. The NZXT Guardian 921 has a separate four pin molex connector to light the front LEDs, simply connect it to your power supply. (Blue/White, +/-)

**All White and Black Pin Connectors correspond to ground.**

## USB & Audio Installation

### USB Installation

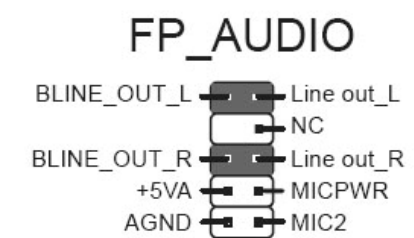
1. The USB is located of the left side on your front panel.
2. Refer to your motherboard manual and match the labels on the USB port connectors with your motherboard in order to install.



### Audio Port Installation

1. Please first refer to your motherboard manual and match the labels on the audio port connectors with your motherboard in order to install.
2. The green input is the speaker input and the pink input is the microphone input, these inputs are located at the left side of your front panel.

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



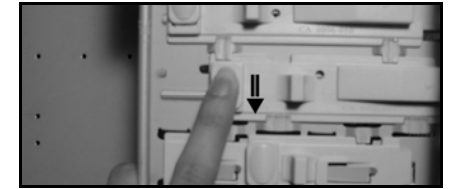
**ASUS® Motherboard Pin Assignment**

### 5.25" Screwless Drive Bay Installation

1. The NZXT Guardian 921 comes with a lock on screw less drive cage design so you can easily pull out and replace drives. For the 5.25" devices, match the screw hole of your drive with the drive bay holder and make sure the device is where you want it.
2. Remove the plastic 5.25" cover in the designated drive bay.
3. Slide the 5.25" device into the drive bay from the front of the case.
4. Lock and secure the drive in by pushing the lock towards the front of the case and then pushing the other button downwards. Refer to the figure below for more explanation on the motion.



Step 1. Push to the Right



Step 2. Push towards the bottom to secure

5. After installation, the user may use screws to secure the device.

## Hard Drive Installation

The Guardian 921 allows space for four internal 3.5" Devices such as hard drives. Three of the four drives run on screwless slides. Please follow the instructions below:

1. Attach the slides onto the side of the device.



Hard Drive Sliding into Place

2. Slide the device in place and secure.

## Front 12CM Fan Installation

The Guardian 921 allows one 120mm to be installed at the front of the case, in order to install the fan, please follow these instructions.

1. Remove the front panel by pulling from the opening at the bottom of the case.
2. Remove the left side panel by unscrewing the two thumbscrews at the rear of the case.
3. Remove the Hard Drive cage by unscrewing first the two screws to the left of the cage, and then the two screws located at the bottom of the case. ( Figure 1 & 2 )
4. After removing the cage, install the 120mm.

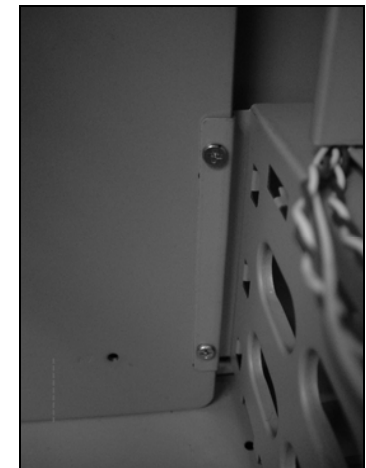


Figure 1. Two screws to the left of the Hard drive cage

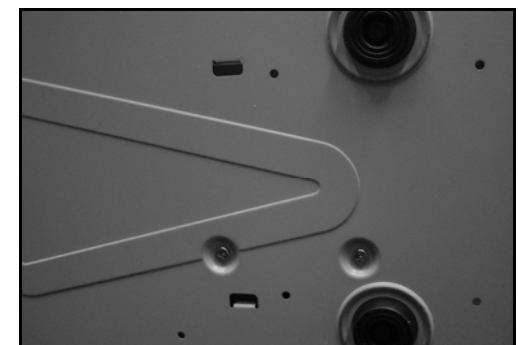


Figure 2. Two screws located at the bottom of the case

## 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](mailto: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](mailto: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](http://www.nzxt.com)

**Feedback:** [designer@nzxt.com](mailto:designer@nzxt.com)

**NZXT.**<sup>™</sup>