NANOXIA
GERMAN ENGINEERING

PROJECT S

I. Introduction

Congratulations on the purchase of your new Nanoxia Project S. We are confident that you will be delighted by your new PC case for many years to come.

Our Project S is a high-class, high-quality HTPC-case. The front is made of high-grade aluminum, the top cover of scratch-proof tempered glass. The main feature of the case is the drawer design. The tray can be extracted for easy installation or maintenance of the system – even when the system is running.

As with all our cases, the Project S has been designed for maximum compatibility and variability. Fully modular disk holders allow the user to reconfigure the case to his own personal needs. The Project S offers ample space for either water cooling or air cooled systems.

One other feature is the possibility to use the Project S as a Midi Tower by using it standing upright.

Specifications:

Dimensions:	423 x 490 x 460 mm (Height x Width x Depth)
Material:	Steel, aluminum, tempered glass
Internal drive bays:	2 x 2.5/3.5 inch 3 x 2.5 inch

Accessoires

EPS Extension
Fan screws
Stand-offs for mainboard
Screws for mainboard mounting
Screws for HDD mounting
Screws for 3.5” mounting frame
Mounting screws for 2.5“HDD/SSD
Mounting screws for PSU

If you are missing any of the items listed above, please contact our customer service immediately:

support@nanoxia-world.com

Features:

- **Water Cooling ready**
- **Drawer design with extractable motherboard tray on rolls** for easy hardware installation
- **Tempered glass** top cover
- **2 x USB 3.0, 1 x USB 3.1 Type C**
- **7 Slots for expansion cards**
- Max. **VGA card length: 400 mm**
- Room for **CPU coolers** with a maximum height of **up to 170 mm**
- **Mounting hole for CPU cooler** in the motherboard tray
- **Cable management** with rubberized holes in the motherboard tray
- Can be used **horizontal** as HTPC case or **vertical** as Midi Tower
- **RGB LED Bar** behind the front cover

On the next pages you can find some useful tips and explanations for the optimal use of your new case and for the installation of your hardware.

II. Installation Instructions

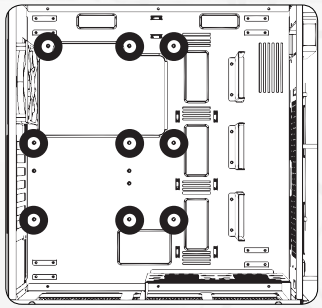
For the installation of hardware, please first pull out the drawer. First, remove the four thumbscrews at the back of the case that connect the drawer to the chassis. You can pull the tray out partially or completely – please keep in mind that the tray rests on wheels. For the installation we strongly suggest that you fix the brakes on the front wheels.

1. Installing the Motherboard

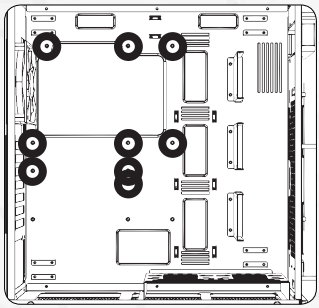
You can mount ATX, Micro-ATX and Mini-ITX motherboards in the Project S. In order to ensure an easy installation of your motherboard, we suggest the following procedure:

Please consult the following charts to find your motherboard form factor:

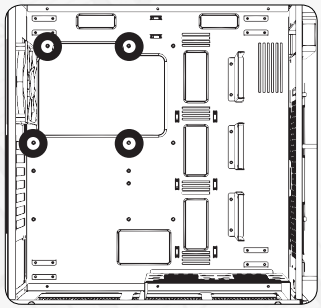
ATX



Micro-ATX

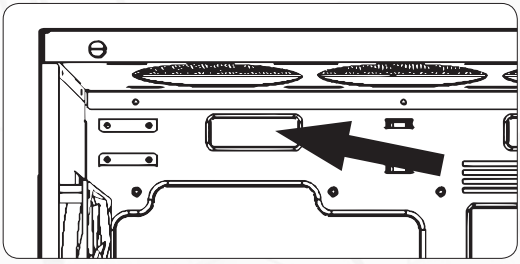


Mini-ITX



Attach the stand-offs according to your motherboard form factor.
Attach the included EPS extension cable on to your motherboard – do not connect it to the power supply yet.

Next you should mount the CPU cooler - for very large CPU coolers, the attachment of the EPS extension cable after installation can be difficult. Now place the motherboard gently inside the drawer and lead the EPS extension cable through the opening provided in the tray above the motherboard.



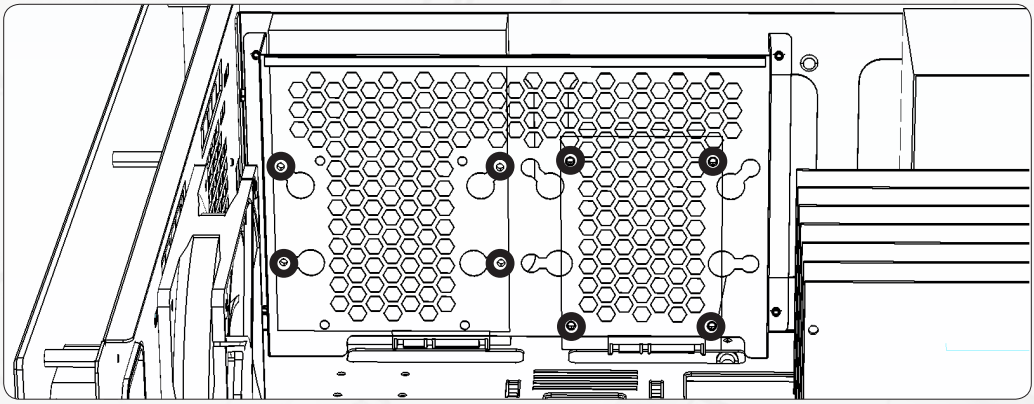
Fix the motherboard to the motherboard tray. After the installation of the power supply, you can connect the EPS extension cable to the EPS-connector on the PSU at the underside of the motherboard-tray.

2. Installation options for hard drives

You can mount up to five drives in the Project S. The case offers two 3.5/2.5 inch holders, as well as three separate 2.5 inch mounting spaces.

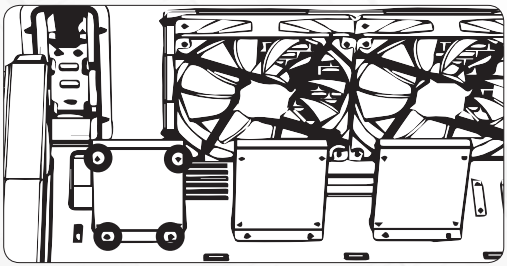
2.1 Mounting of 3.5/2.5 inch hard drives

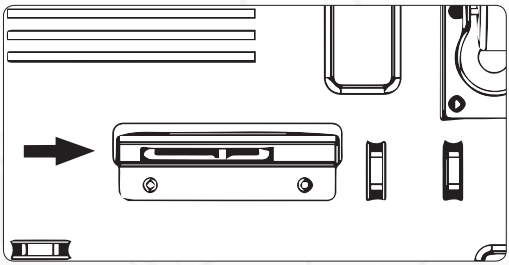
The holder at the left side of the case (as seen from the front) can be equipped with two 3.5 or 2.5 inch drives. The 3.5 inch drives use decoupled mounting. For the installation of the hard disk, please hold it to the inner side of the frame and use screws to fix it. The hard disks are connected from underneath the tray.



2.2 Mounting of 2.5 inch SSD

The Project S offers a total of three dedicated 2.5 inch holders. These are fixed with screws to the bottom of the case and can be removed, for example when users want to install a very long VGA card. The drives are secured with screws, they are connected from below as well. This way, no cables will be visible from outside.



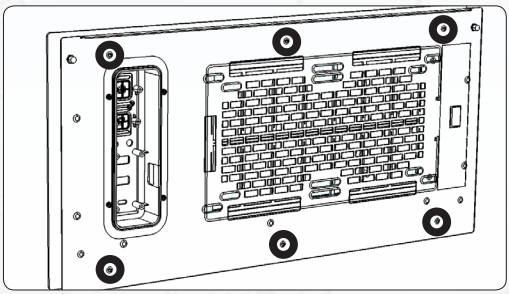


3. Removing the front panel and top cover

Please keep in mind that the top cover is made of tempered glass and as such should be handled with care.

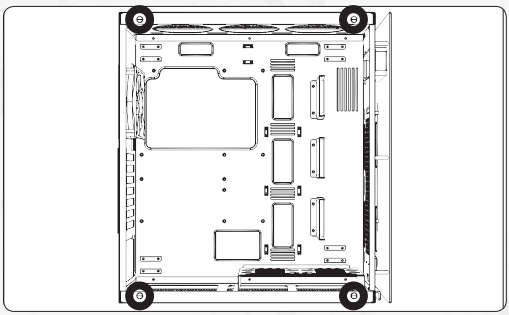
3.1 Removing the front panel

To remove the front panel, remove the six screws from the inside of the drawer, which holds it in position (3 x above, 3 x below the motherboard-tray). Please be aware of the Rigid-LED connector cable, when you remove the front plate, else you might damage it.



3.2 Removing the top cover

To remove the top cover of the case, please unscrew the four screws that hold it in place. You can then simply take it off.



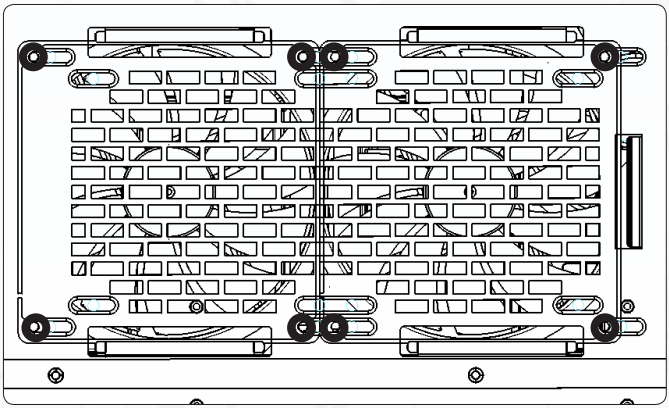
4. Fan assembly
Up to eight case fans can be mounted inside the Project S. One 120 mm CoolForce fan is already mounted at the rear of the case.

All air intake openings of the Project S are equipped with easy to clean dust filters. We recommend that you clean them on a regular basis.

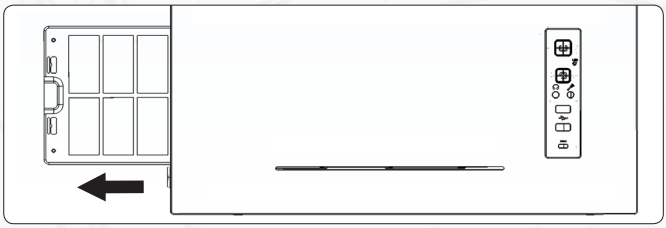
4.1 Front Fans

You can mount either two 120 or 140 mm fans behind the front cover.

Please remove the front plate first (**see chapter 3.1**) and pull out the dust filter, to reach the mounting holes. Hold the fan to the inside of the tray and fix them with screws from the outside.



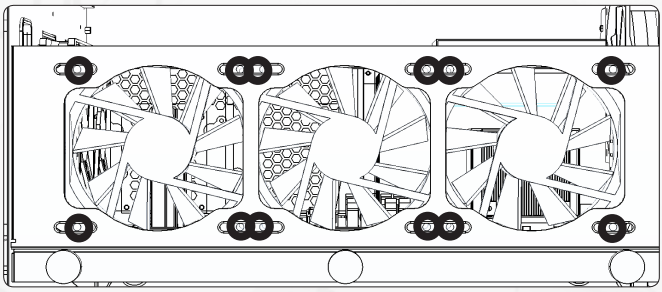
The dust filter is located between the front plate and the drawer and can be easily pulled out to the side.



Case fans installed at the front of the case should support the intake of air into the case (fan rear side facing inwards).

4.2 Fans on the right side panel

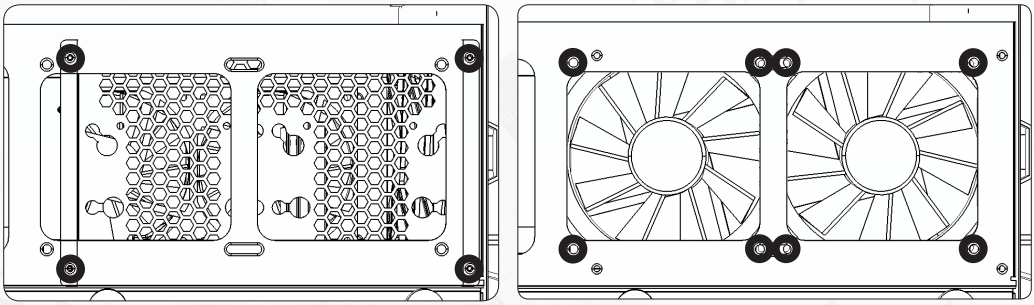
Up to three 120 mm fans can be mounted at the right side panel. For installation, please hold them to the fan frame from the inside and fix them with screws from the outside.



Case fans at the right side of the case should exhaust air out of the case (fan rear side facing outwards). The dust filter is magnetic and can easily be removed to be cleaned. Please pull out the drawer to reach the dust filter mounted on the inner side of the chassis.

4.3 Fans on the left side panel

If you don't want to install drives on the HDD holder on the left side, you can use the space for two additional 120 mm fans. Please first take out the HDD-holder. It is fixed to the side with four screws (see drawing). Loosen the screws and the remove the holder.



To install the fans, hold them from the inside to the side panel and fix them with screws from the outside.

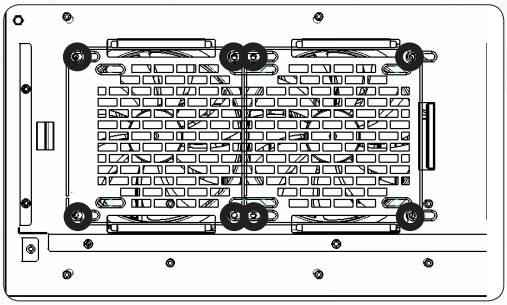
Case fans at the left side of the case should be mounted so that cooler air is introduced into the case (fan rear side facing inwards). The dust filter is magnetic and can easily be removed to be cleaned. Please pull out the drawer to reach the dust filter mounted on the inner side of the chassis.

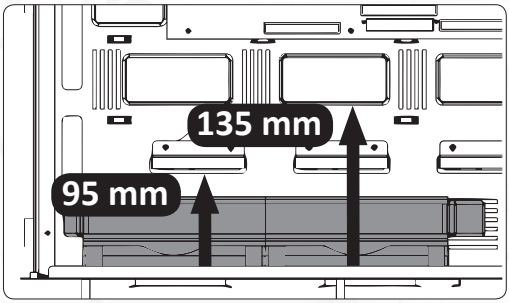
5. Installing a water cooling solution

In the Project S, you can install radiators or compact water cooling solutions both behind the front panel and on both sides of the case.

5.1 Installation of a radiator or compact water cooling solution behind the front panel

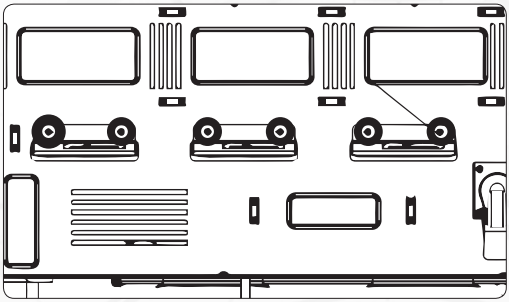
A 240 or 280 mm radiator or compact water cooling solution can be mounted behind the front. Please first remove the front plate (**see chapter 3.1**). Please note that it might be necessary – depending on the length of the radiator – to remove the HDD-holder on the left side of the case (**see chapter 4.3**). Next hold the radiator (and fans, if desired) to the inside of the frame and fix it with screws from the outside.





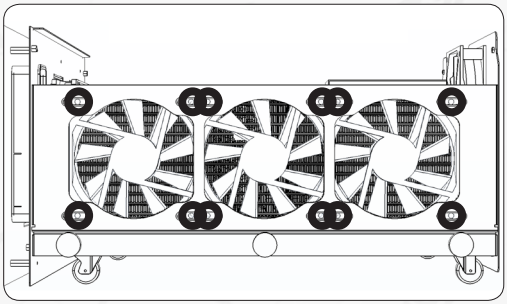
The Project S offers ample space for a push/pull set-up.

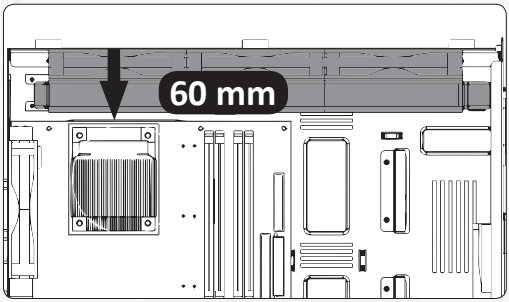
If you want to use a very thick radiator, you can always opt to remove the 2.5 inch SSD-holders. They are fixed with two screws each to the bottom of the drawer.



5.2 Installation of a radiator or compact water cooling on the right side panel

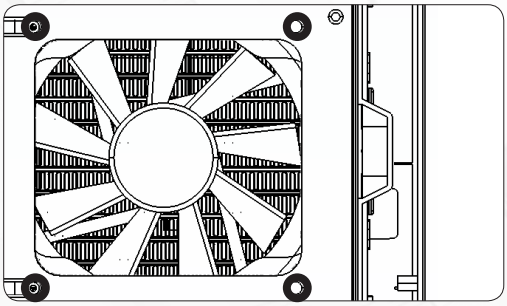
A 120/240/360 mm radiator can be mounted on the right side of the Project S. Please pull the drawer completely out of the case, hold the radiator (and fans, if desired) to the frame from the inside and fix it with screws from the outside.

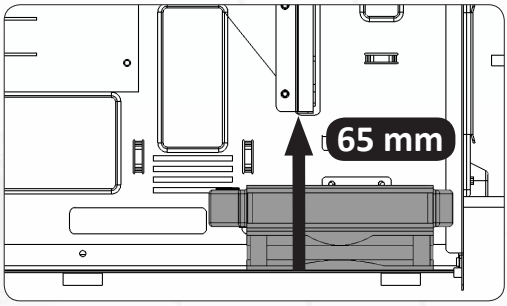




5.3 Installation of a radiator or compact water cooling on the left side panel

On the left side, you can mount a 120 mm radiator. Please first remove the HDD-holder (**see chapter 4.3**). Next, hold the radiator (and fans, if desired) to the inner side of the frame and use screws from the outside to fix it.



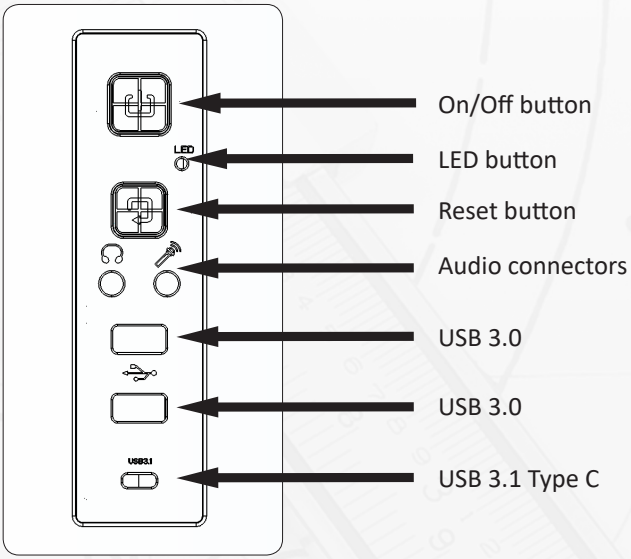


6. The I/O-Panel

The I/O panel includes connectors for external USB devices (2 x USB 3.0, 1 x USB 3.1 Type C), and the microphone and headphone ports.

The power-, reset-, and LED On/Off button are located here as well.

Please connect the USB 3.1 connector externally to your motherboard. Please lead the cable through the appropriate slot cover.

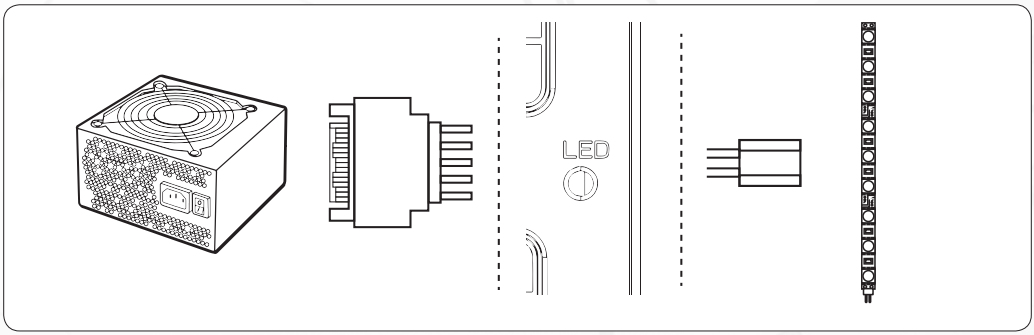


7. The Nanoxia RGB LED Bar

Behind the front of your Project S, a Nanoxia RGB LED Bar is pre-installed. A controller is included.

7.1 Connecting the RGB LED Bar to the power supply

The RGB LED Bar is powered by a SATA connector that can be connected directly to the power supply.



7.2 Operation of the RGB LED Bar

If you want to activate or turn off or change the color of the RGB LED Bar, you can simply use the LED button located in the I/O-panel (**see chapter 6**).

III. Support

Dear customer,

The PC case you purchased has undergone a very thorough quality control. Nevertheless, should there be any unexpected problems with your case we ask that you first approach the dealer where you purchased the product. They are prepared to assist you with competent and uncomplicated advice and practical support.

If perhaps a few screws were missing or you might have a question that can't be answered by this manual, please do not hesitate to contact us directly by e-mail.

Likewise, we would appreciate your suggestions and comments about our case very much. Our staff will respond to all inquiries quickly and professionally.

Customers from Germany and other European countries can use the following e-mail address for support questions, spare parts or warranty issues:

support@nanoxia-world.com

Customers from Africa, Asia, Australia as well as North and South America can use the following e-mail address for support questions, spare parts or warranty issues:

support.overseas@nanoxia-world.com

For general inquiries, comments, suggestions and the like please refer to:

info@nanoxia-world.com

We are sure that you will be satisfied with your Nanoxia Project S for many years to come, so please enjoy your new PC case.

Your Nanoxia Support-Team

IV. Legal disclaimer:

All named products and descriptions are trademarks and /or registered trademarks of the respective manufacturers and are accepted as protected. The design and specifications are subject to change without prior notice. This is part of the continuing policy of product improvement at NANOXIA. National product specifications may vary. All rights reserved especially (also in extracts) for translation, reprinting, reproduction by copying or other technical means. Infringements will lead to compensation. All rights reserved, especially in case of assignation of patent or utility patent.

Disposal of your old product:

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2012 /19 /EU gild. Please be informed about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

NANOXIA is a registered trademark of the PC-Cooling GmbH

PC-Cooling GmbH
Eichenallee 3
24589 Nortorf
Germany

info@nanoxia-world.com
www.nanoxia-world.com