

## MININGEEK S400 Pro

# MININGEEK S400 Pro 10.8L Portable Mini-ITX Computer Case User Manual

Model: S400 Pro

## 1. INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your MININGEEK S400 Pro 10.8L Portable Mini-ITX Computer Case. Please read this guide thoroughly before beginning installation to ensure proper setup and optimal performance.



Figure 1: MININGEEK S400 Pro Mini-ITX Computer Case with included PCIe 4.0 riser cable.

## 2. SAFETY INFORMATION

Always disconnect power before performing any installation or maintenance. Handle components with care to prevent electrostatic discharge. Wear anti-static gloves if available. Refer to individual component manuals for specific safety guidelines.

## 3. PACKAGE CONTENTS

- MININGEEK S400 Pro Mini-ITX Computer Case
- PCIe 4.0 Riser Cable
- Detachable Carrying Handle
- Accessory Kit (screws, zip ties, etc.)

## 4. SPECIFICATIONS

Feature	Specification
Model Name	S400 Pro
Dimensions (LxWxH)	340 x 155 x 205 mm (13.39 x 6.07 x 8.1 inches)
Volume	10.8L
Motherboard Compatibility	Mini-ITX
GPU Support	Triple slot graphics cards up to 337mm long
PCIe Riser Cable	PCIe 4.0 included
CPU Cooler Height Limit	65mm
PSU Type	SFX/SFX-L (recommended)
Fan Support	Bottom: 1x 120x25mm or 3.5" HDD; Top: 2x 120x15mm
Front I/O Ports	2x USB 3.0, 2x USB 2.0, 1x Type-C, 1x Audio Jack
Material	Steel and Aluminum
Item Weight	5.18 pounds



Figure 2: Case dimensions (Length: 340mm, Width: 155mm, Height: 205mm).

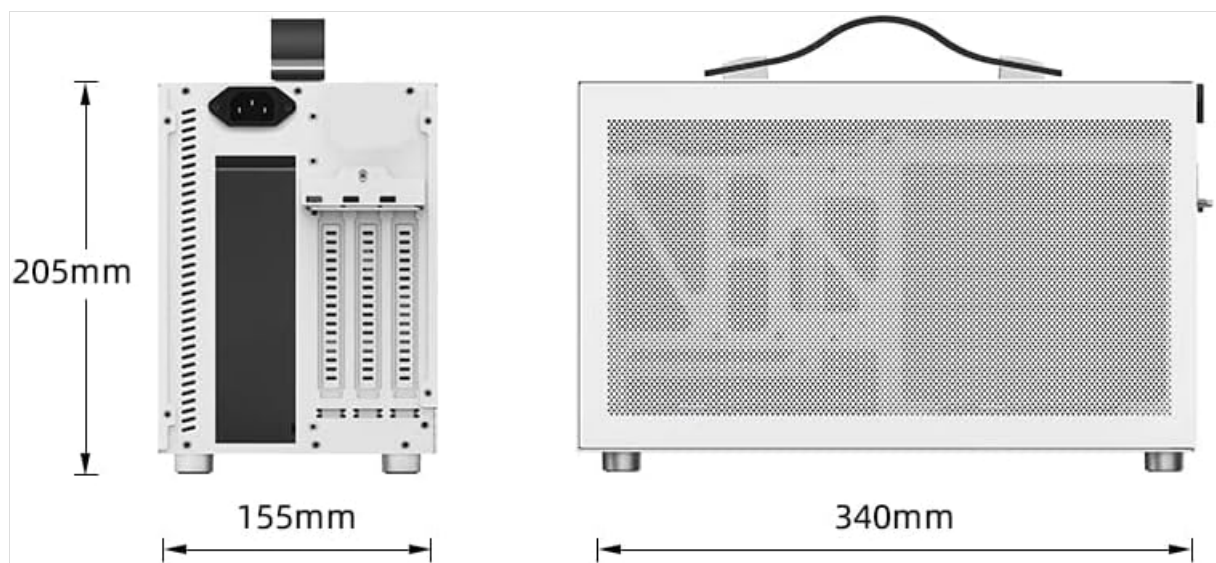


Figure 3: Internal layout showing component compatibility for SFX/SFX-L PSU, 2.5" SSD, ITX Board, CPU Cooler (max 65mm), and fan positions.

## 5. SETUP AND INSTALLATION

Follow these steps for proper assembly of your computer components within the S400 Pro case.

### 5.1. Case Disassembly

1. Remove the side panels by unscrewing the retaining screws.
2. Carefully detach the side panels.



Figure 4: Removing the side panel to access the interior.

### 5.2. Motherboard, CPU, RAM, and SSD Installation

Install your CPU, RAM, and M.2 SSD onto the Mini-ITX motherboard before placing it into the case. Refer to your motherboard's manual for specific instructions.

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Video 1: S300 - Mini-ITX Case Assembly Tutorial. This video demonstrates the assembly process for a similar Mini-ITX case, including CPU, RAM, and SSD installation on the motherboard.

### 5.3. PSU Installation

Install the SFX/SFX-L power supply into its designated bracket. Ensure the PSU fan is oriented correctly (typically facing outwards or towards an intake area) to avoid thermal issues. Connect the necessary modular cables to the PSU before securing it in the case.

### 5.4. GPU Installation

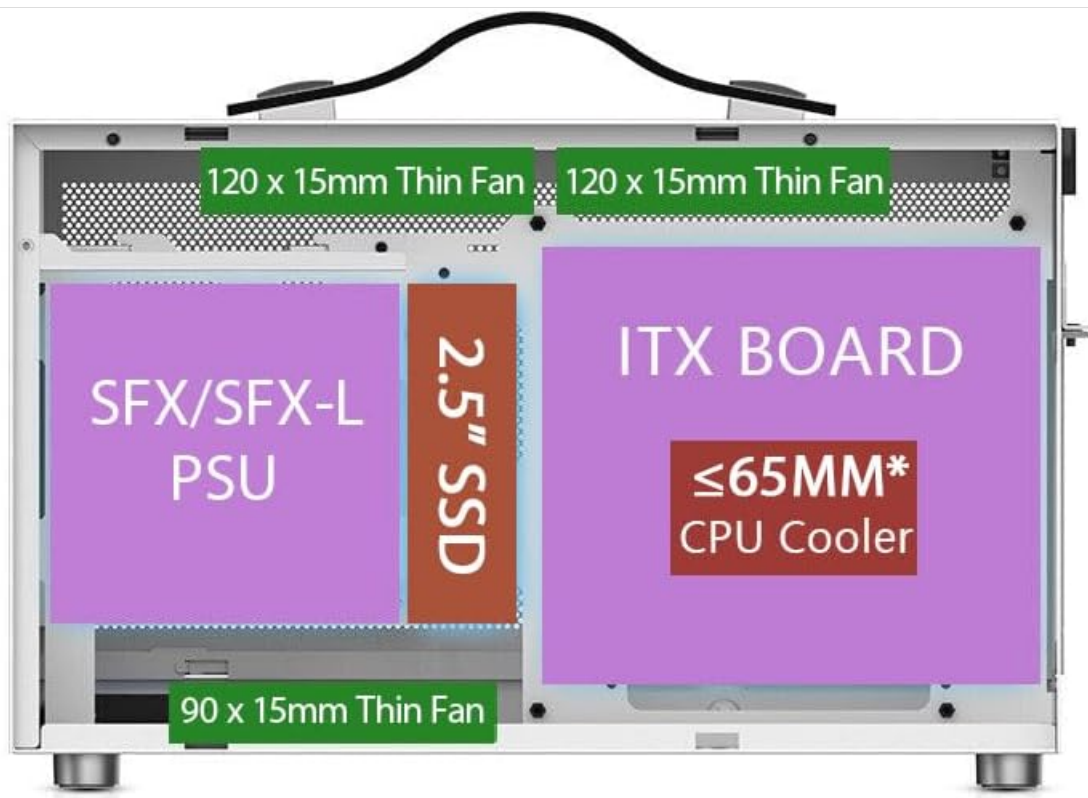
The S400 Pro supports triple-slot GPUs up to 337mm in length. Use the included PCIe 4.0 riser cable to connect your graphics card to the motherboard.

1. Connect the PCIe riser cable to the motherboard's PCIe slot.
2. Secure the GPU to the case's GPU bracket.
3. Connect the other end of the PCIe riser cable to the GPU.
4. Connect the GPU power cables from the PSU.





Figure 5: Internal view showing a triple-slot GPU installed.



## The Back Side

\* This is the V2 version which was designed to fit in a 67mm CPU cooler, but it turns out some CPU positions are higher, or maybe there is 1mm error in some cases, so it is not recommended to use it with a 67mm CPU cooler, but with one no higher than 65mm.

Figure 6: Detailed view of GPU installation within the case.

### 5.5. Fan Installation

Install fans as per the specifications for optimal airflow. The case supports one 120x25mm fan or a 3.5" HDD at the bottom, and two 120x15mm fans at the top.



Figure 7: Installation of a 120mm fan at the bottom of the case.

## 5.6. Cable Management

Utilize zip ties and the case's internal routing options to manage cables effectively. Proper cable management improves airflow and aesthetics.

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Video 2: KXRORS - Mini-ITX PC Gaming Case Assembly. This video provides a visual guide for assembling components and managing cables in a similar Mini-ITX case.

## 5.7. Reassembly

Once all components are installed and cables are managed, reattach the side panels and secure them with the screws.





Figure 8: Side view of the assembled MININGEEK S400 Pro case with the detachable carrying handle.



Figure 9: Back view of the assembled MININGEEK S400 Pro case.



Figure 10: Close-up of the front I/O ports, including USB 3.0, USB 2.0, Type-C, and audio jack.

## 6. OPERATING INSTRUCTIONS

Connect your monitor, keyboard, mouse, and power cable to the assembled computer. Press the power button on the front panel to start your system. Refer to your operating system's documentation for further usage instructions.

## 7. MAINTENANCE



To ensure longevity and optimal performance, regularly clean the dust filters and interior of the case. Use compressed air to remove dust from fans and heatsinks. Ensure all cables are securely connected.

## 8. TROUBLESHOOTING

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- **System not powering on:** Check all power connections, including the PSU to the wall outlet, PSU to motherboard, and front panel power switch header.
- **No display:** Ensure the monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless no dedicated GPU is installed). Verify GPU power connections and PCIe riser cable connection.
- **Overheating:** Confirm CPU cooler is properly installed with thermal paste. Check fan orientations and ensure sufficient airflow. Verify PSU fan orientation.
- **Loose connections:** If experiencing intermittent issues, re-seat RAM, GPU, and all power/data cables.

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the MININGEEK official website or contact your retailer. Keep your proof of purchase for warranty claims.