

KXRORS S400

KXRORS S400 Mini-ITX PC Gaming Case User Manual

Model: S400 | Brand: KXRORS

1. PRODUCT OVERVIEW

The KXRORS S400 is a compact Mini-ITX PC gaming case designed for small form factor builds. It features a portable design with a top handle, mesh panels for enhanced airflow, and front I/O ports including USB 3.0 and Type-C. This manual provides essential information for setting up, operating, and maintaining your S400 case.

MINI-ITX PC GAMING CASE

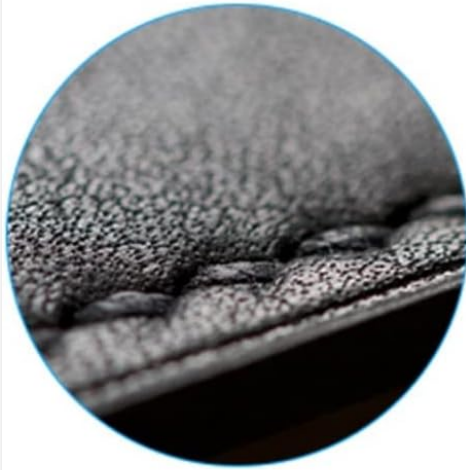
Does not occupy desktop space, is a beautiful decoration on the desktop.

*Different sizes of cases for different graphics cards.

10.8L



Figure 1: KXRORS S400 Mini-ITX PC Gaming Case showcasing its compact dimensions (13.4 x 6.1 x 8 inches) and 10.8L volume.



Leather handle



Figure 2: Detail of the integrated leather handle for easy portability.

2. SPECIFICATIONS

Feature	Detail
Model	S400
Chassis Material	SPCC Steel + Aluminum Alloy
Product Dimensions (LxWxH)	13.4 x 6.1 x 8 inches (340 x 155 x 205 mm)
Volume	10.8 Liters
Motherboard Support	Mini-ITX (170x170mm)

Feature	Detail
Power Supply Support	SFX/SFX-L (100-125mm length)
CPU Cooler Height Limit	65mm
Graphics Card Support	Up to 335mm (Length), 154mm (Width), 65mm (Height/3.2 slots)
I/O Interface	1x USB 3.0, 1x Type-C, Power Button
PCI Expansion Slots	3.2
Hard Drive Position	2.5" SSD x 3, 3.5" HDD x 1 (with GPU length < 225mm)
Cooling Method	Air (Water cooling requires separate bracket and GPU length < 205mm)
Net Weight	5.94 pounds (2.35 KG)

PRODUCT PARAMETER

Model:	S400
Chassis color:	White/Black
Chassis material:	SPCC steel + aluminum alloy
Hard disk position:	2.5' SSD×3,3.5' HDD×1 (graphics card length less than 225mm)
Motherboard support:	ITX
PCI expansion slot:	3.2
I/O interface:	POWER, USB 3.0 × 1, TYPE-C
Power support:	SFX/SFX-L
CPU cooling:	65mm height limit
Graphics card support:	335 × 154 × 65mm 225 × 154 × 65mm (Installing a 3.5' hard drive) 200 × 154 × 65mm (Installation of 120 water cooling)
Product Size:	340×155×205mm(L×W×H)
Net weight:	2.35KG

Figure 3: Detailed product parameters and specifications.

3. FEATURES

- **Compact Design:** With a volume of 10.8L, the S400 is designed for minimal desktop footprint and easy transport.
- **Enhanced Airflow:** Three-sided mesh panels promote efficient hot and cold air exchange, crucial for component cooling.
- **Modern Front I/O:** Includes a USB 3.0 Type-C port and a standard USB 3.0 port for convenient connectivity.
- **Durable Construction:** Crafted from pure aluminum wire drawing material, ensuring both aesthetics and structural integrity.
- **Portable Handle:** A small leather handle on the top allows for easy carrying.
- **PCIe 3.0 Riser Cable:** Equipped with a premium PCIe 3.0 16X Riser Cable for vertical GPU mounting.

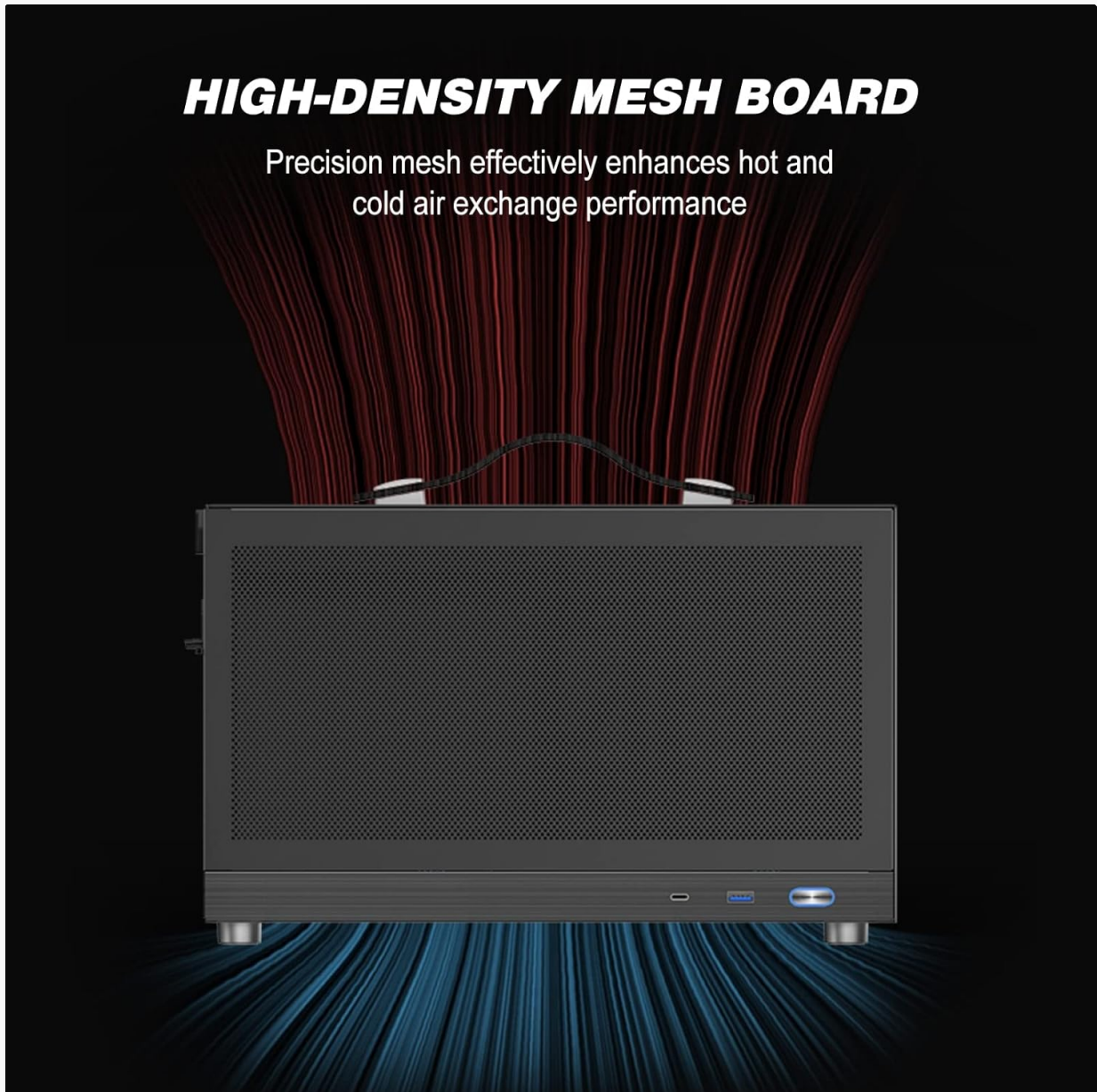


Figure 4: High-density mesh panels for optimal thermal performance.



Figure 5: Front I/O panel with USB 3.0, Type-C, and power button, featuring a stainless steel wire drawing process.

4. SETUP AND INSTALLATION

This section outlines the general steps for assembling your PC components within the KXRORS S400 case. Always refer to the individual component manuals for specific installation instructions.

4.1 Component Compatibility

- **Motherboard:** Supports standard Mini-ITX motherboards (170x170mm).
- **Power Supply:** Compatible with SFX/SFX-L power supplies (100-125mm length).
- **CPU Cooler:** Maximum height of 65mm for air coolers.
- **Graphics Card:** Supports cards up to 335mm in length, 154mm in width, and 65mm (3.2 slots) in height.
- **Storage:** Accommodates up to three 2.5" SSDs or one 3.5" HDD (if GPU length is less than 225mm).

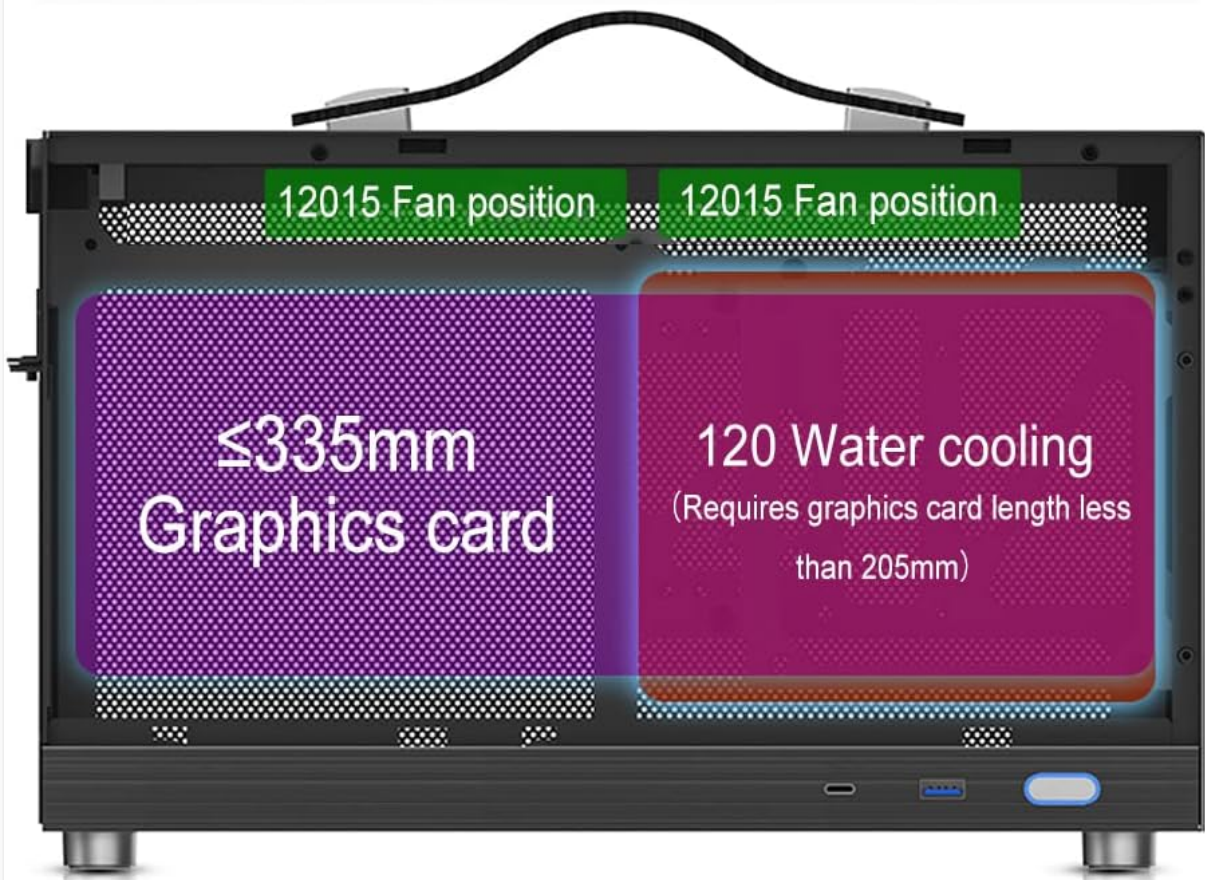
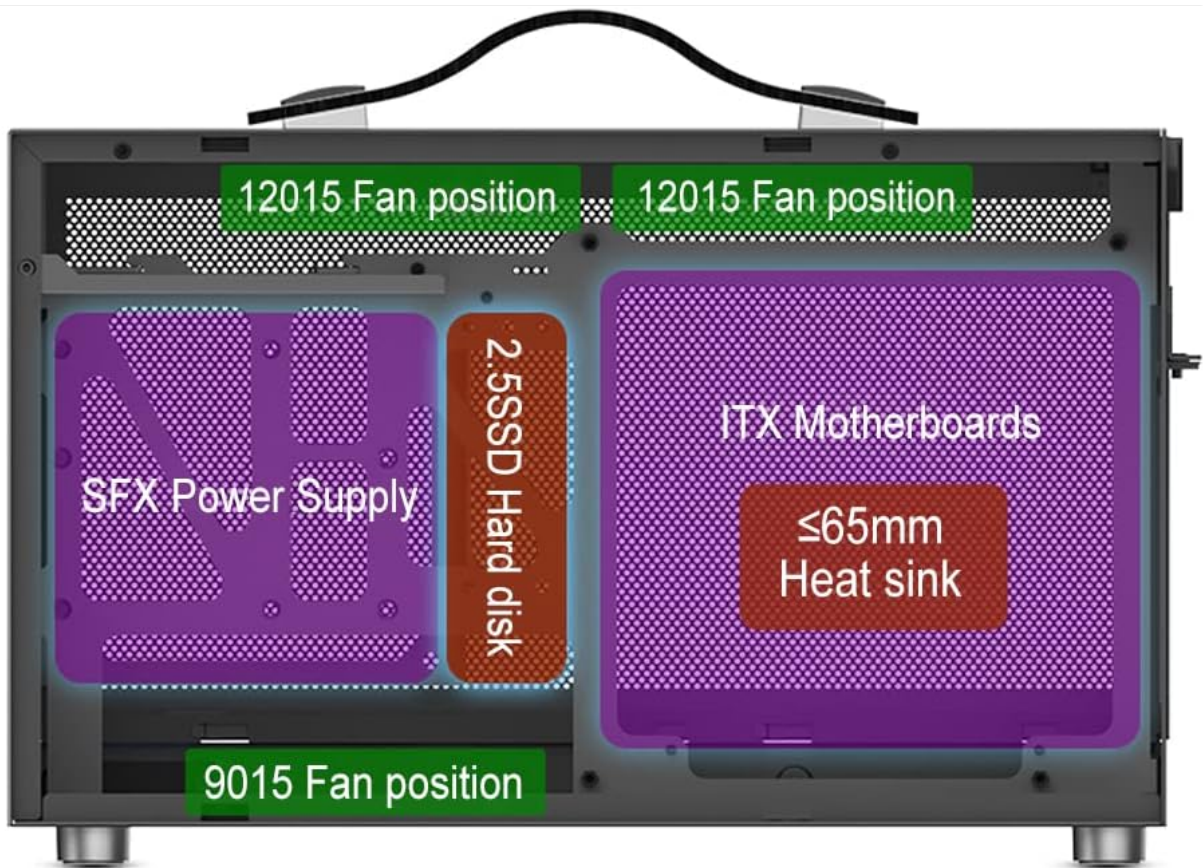


Figure 6: Internal layout indicating positions for SFX power supply, 2.5" SSD/HDD, ITX motherboard, CPU heatsink, graphics card, and fan positions.

4.2 Assembly Tutorial Video

Watch the official assembly tutorial for a visual guide on installing components. Note that this video references the S300 model, but the general assembly steps are similar for the S400.

Video 1: KXRORS Mini-ITX Case Assembly Tutorial (S300 model shown, general steps apply to S400).

4.3 Important Note for PCIe 3.0 Riser

The KXRORS S400 includes a premium PCIe 3.0 16X Riser Cable. Before using a 3.0 graphics card with this extension line, it is **critical** to set the PCIe speed of your motherboard BIOS to **GEN3**. Failure to do so may prevent your computer from functioning correctly.



Figure 7: The included PCIe 3.0 16X Riser Cable. Ensure BIOS settings are configured for GEN3.

5. OPERATING INSTRUCTIONS

Once all components are correctly installed and secured, connect your peripherals (monitor, keyboard, mouse) and power cable to the case. Press the power button on the front I/O panel to start your system. The mesh design allows for direct viewing of internal components and RGB lighting, if installed.

Video 2: KXRORS S400 Mini-ITX PC Gaming Case Product Overview.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

- **Dust Cleaning:** Periodically clean the mesh panels and internal components using compressed air to prevent dust buildup, which can hinder airflow and cooling efficiency.
- **Cable Management:** Ensure cables are neatly routed to maintain good airflow and prevent interference with fans.
- **Component Checks:** Occasionally check that all screws are tight and components are securely seated.

7. TROUBLESHOOTING

- **System Not Booting:**
 - Verify all power connections (motherboard, CPU, GPU, storage).
 - Ensure RAM modules are properly seated.
 - **Check PCIe BIOS Setting:** If using a PCIe 3.0 graphics card with the riser cable, confirm that the motherboard BIOS PCIe speed is set to GEN3.
- **Overheating Issues:**

- Ensure all case fans and CPU cooler fans are spinning correctly.
- Clean dust from mesh panels and heatsinks.
- Verify proper application of thermal paste on the CPU.

- **Front I/O Ports Not Working:**

- Check that the USB 3.0 and Type-C headers are securely connected to the motherboard.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official KXRORS website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Online Resources:

- KXRORS Official Store: [Visit Store](#)