## EXTRALINK 6U 600MM Depth

# EXTRALINK 6U 19-inch Rack Cabinet Instruction Manual

Model: 6U 600MM Depth

## 1. Introduction

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your EXTRALINK 6U 19-inch Rack Cabinet. Designed for both wall and floor mounting, this cabinet offers a robust solution for organizing and securing your network equipment, servers, and other IT devices. It features a 60kg load capacity, a tempered glass door, and efficient ventilation to ensure optimal performance and longevity of your equipment.

## 2. Safety Information

- Always ensure the rack is securely mounted, whether to a wall or placed on the floor, to prevent tipping.
- Distribute equipment weight evenly within the cabinet to maintain stability.
- Do not exceed the maximum load capacity of 60 kg.
- Ensure proper ventilation by not blocking the cooling vents.
- Use appropriate tools for assembly and wear protective gear if necessary.
- Keep children and pets away from the assembly area.

## 3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. The package should include:

- Rack frame components (top, bottom, side panels, front/rear frames)
- Tempered glass front door with lock and keys
- Mounting hardware (screws, nuts, washers)
- Adjustable mounting rails
- User manual

If any parts are missing or damaged, please contact customer support.

## 4. Assembly Instructions

The EXTRALINK 6U rack cabinet is designed for quick and straightforward assembly, typically completed within 15 minutes with the provided clear instructions and accessories.

1. **Assemble the Frame:** Begin by connecting the top and bottom panels to the side frames using the provided screws. Ensure all connections are secure.
2. **Install Mounting Rails:** Insert the fully adjustable mounting rails with square holes into the frame. These rails can be adjusted to accommodate various equipment depths. Ensure they are firmly fastened to prevent any sagging of installed devices.
3. **Attach Side Panels and Doors:** Secure the removable side panels. Attach the tempered glass front door and the rear access door. Ensure the locks function correctly.
4. **Mounting Options:**
    - **Wall Mounting:** Use appropriate wall anchors and screws (not always included, check local hardware requirements) to securely fasten the cabinet to a sturdy wall. Ensure the wall can support the cabinet's weight plus the maximum load capacity.
    - **Floor Placement:** Place the cabinet on a level, stable surface.
5. **Install Equipment:** Once the cabinet is assembled and securely positioned, you can begin installing your shelves, devices, and optional fan units.




Image: A person assembling the EXTRALINK 6U rack cabinet, demonstrating the ease of setup.

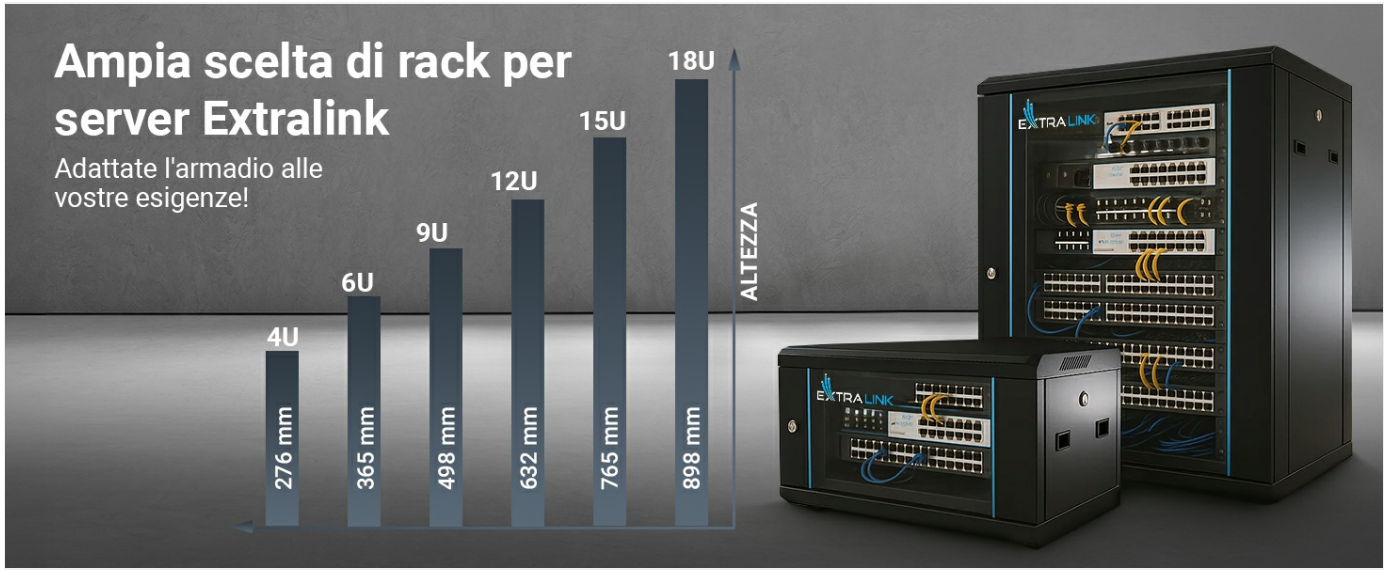


Image: Visual guide showing the four quick assembly steps: assembling the frame, adding components, wall mounting, and enjoying the organized setup.

## 5. Operating Instructions

The EXTRALINK rack cabinet is designed to provide an organized, secure, and cool environment for your network infrastructure.

### 5.1 Equipment Organization

Utilize the 19-inch standard mounting space to install switches, servers, patch panels, CCTV recorders, and other compatible devices. The adjustable mounting rails allow for flexible positioning of equipment.




Image: A comparison showing a disorganized home network setup on the left and the same equipment neatly housed within the EXTRALINK rack cabinet on the right.

### 5.2 Cable Management

The cabinet features dedicated wiring holes to facilitate neat cable routing, preventing tangles and improving airflow. Proper cable management contributes to a tidier appearance and better system performance.




Image: A detailed view highlighting the fully adjustable guides with square holes for easy installation and dedicated wiring holes for efficient cable routing.

### 5.3 Cooling and Ventilation

The cabinet incorporates ventilation slots and a fan compartment to ensure optimal cooling of your devices. This design helps maintain stable operating temperatures and prevents overheating.




Image: Illustration of the special thermal design, featuring two cooling openings and holes for heat dissipation on the top and bottom panels.

### 5.4 Security

The tempered glass front door is equipped with a lock to protect your valuable equipment from unauthorized access. The cabinet also features removable side panels for easy access during maintenance, which can also be secured.




Image: A close-up view of the key lock mechanism on the EXTRALINK rack cabinet door, emphasizing security.



Image: A visual representation of the security features, including locks on both the front and side doors of the cabinet.

### 5.5 Access

The cabinet features both front and rear door openings, along with removable side panels, allowing for easy access to all devices for installation, configuration, and maintenance.




Image: The EXTRALINK rack cabinet with its front and rear doors open, illustrating easy access to all internal devices.




Image: The cabinet with its side panels removed, demonstrating easy access to server equipment for maintenance or installation.

## 6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your rack cabinet and the equipment within it.

- **Cleaning:** Periodically wipe down the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners. For the interior, use compressed air to remove dust from equipment and vents.
- **Ventilation Check:** Ensure that all ventilation slots and fan compartments (if a fan unit is installed) are free from obstructions to maintain proper airflow.
- **Security Check:** Regularly check the door locks and hinges for proper function. Ensure all mounting screws are tight.
- **Cable Management:** Periodically inspect cables for wear or damage and ensure they remain neatly routed to avoid impeding airflow or creating hazards.

## 7. Troubleshooting

This section addresses common issues you might encounter with your rack cabinet.

- **Cabinet Instability/Sagging:** If the cabinet feels unstable or internal components appear to sag, ensure all assembly screws, especially those connecting the mounting rails to the frame, are fully tightened. Verify that the cabinet is mounted on a level surface or securely fastened to the wall.
- **Overheating Equipment:** Check that all ventilation slots are clear of obstructions. Ensure that any optional fan units are functioning correctly. Verify that the ambient room temperature is within acceptable limits for your equipment.
- **Difficulty Closing Doors:** Inspect hinges for damage or misalignment. Ensure no cables or equipment are obstructing the door's path. Check if the cabinet frame is square and not warped.
- **Missing Parts:** Refer to the 'Package Contents' section. If parts are missing upon delivery, contact customer support immediately.

## 8. Specifications

| | |
|---|---|
| **Brand** | EXTRALINK |
| **Model** | 6U 600MM Depth |
| **Size** | 6U (19-inch standard) |

| | |
|---|---|
| **Product Dimensions (D x W x H)** | 60P x 60l x 60H cm (approximately 600mm Depth x 600mm Width x 600mm Height) |
| **Material** | Steel Alloy |
| **Load Capacity** | Up to 60 kg |
| **Door Type** | Tempered Glass (front), Steel (rear) |
| **Mounting Type** | Wall Mount or Floor Standing |
| **Compatible Devices** | Servers, Switches, Patch Panels, CCTV Recorders, etc. |
| **Assembly Required** | Yes |




Image: A visual representation of different EXTRALINK rack sizes, from 4U to 18U, illustrating height variations.




Image: A label clearly stating the maximum weight capacity of 60 kg for the cabinet.

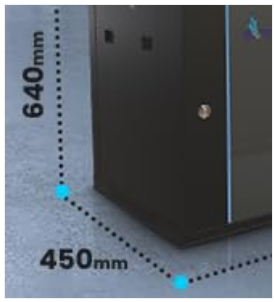



Image: A diagram illustrating the cabinet's height of 640mm and width of 450mm.

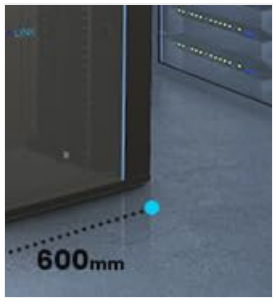



Image: A diagram indicating the cabinet's depth of 600mm.

## 9. Warranty and Support

Your EXTRALINK 6U 19-inch Rack Cabinet comes with a **24-month warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical support, missing parts, or warranty inquiries, please contact your retailer or EXTRALINK customer service. Refer to the contact information provided with your purchase documentation.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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