EXTRALINK 1

EXTRALINK 37U 600x1000 Standing Rack User Manual

Model: 37U 600x1000

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EXTRALINK 37U 600x1000 Standing Rack. Designed for optimal organization and protection of network and server equipment, this rack is suitable for various environments including offices, network server rooms, and CCTV control centers.
The primary purpose of network cabinets like the EXTRALINK 37U 600x1000 is to safeguard electronic devices, ensure their stable operation, and maintain an organized environment for IT infrastructure.





Figure 1: EXTRALINK 37U 600x1000 Standing Rack. This image displays the full view of the black standing rack with its tempered glass front door and blue accents.



Figure 2: Illustrating the purpose of network cabinets. The image shows two individuals inspecting a network rack in a server room, emphasizing its role in protecting devices, ensuring stable operation, and maintaining order.

Product Features

- **Robust Construction:** Made from high-quality cold-rolled steel for durability and stability.
- **Tempered Glass Front Door:** Provides visibility of internal components while offering security. The door can be opened to the left or right.
- **Removable Side Panels:** Facilitate easy access for maintenance and installation.
- **Adjustable Cable Entry:** Features adjustable cable entry points on the top cover and bottom plate for organized cable management.
- **Secure Locking Mechanism:** Equipped with a front door key lock for enhanced security.

- **Mobility and Stability:** Includes adjustable feet and heavy-duty casters for easy relocation and stable positioning.
- **High Load Capacity:** Supports a maximum weight of 1000 kg.



Figure 3: Key features of the EXTRALINK 37U Network Cabinet. This diagram highlights the removable side panels, front and rear doors, adjustable cable entry, front door key lock, adjustable feet, heavy-duty casters, and the ability for the door to open left or right.

Setup and Installation

The EXTRALINK 37U 600x1000 rack is designed for floor standing installation. Follow these steps for proper setup:

1. **Unpacking:** Carefully unpack all components and verify against the packing list. Ensure no parts are damaged during transit.
2. **Placement:** Choose a suitable location for the rack, considering ventilation, accessibility, and proximity to power and

network connections. The rack dimensions are approximately 1765mm (Height) x 600mm (Width) x 1000mm (Depth).

3. **Leveling:** Use the adjustable feet to ensure the rack is perfectly level on the floor. This is crucial for stability and proper operation of installed equipment.
4. **Caster Installation (Optional):** If mobility is required, attach the heavy-duty casters to the base of the rack. Ensure they are securely fastened.
5. **Door Orientation:** The front door can be re-hinged to open from either the left or the right side, depending on your space and access requirements.
6. **Side Panel Attachment:** Securely attach the removable side panels. These panels provide protection and can be easily removed for maintenance.
7. **Cable Management:** Utilize the adjustable cable entry points at the top and bottom for organized routing of power and data cables.



Figure 4: Dimensions and maximum weight capacity of the EXTRALINK 37U 19" Network Cabinet. The image shows the height (1765mm), depth (1000mm), width (600mm), and a maximum weight capacity of 1000 kg.

Operating Instructions

Once the rack is set up, you can begin installing your network and server equipment.

- **Equipment Installation:** Mount your 19-inch standard equipment (e.g., servers, switches, patch panels, alarm systems) into the rack using appropriate rack screws and cage nuts. Ensure even weight distribution.
- **Cable Routing:** Route all cables neatly using cable organizers and the designated cable entry points. This prevents tangles, improves airflow, and simplifies troubleshooting.
- **Power Distribution:** Install power strips (PDUs) within the rack to provide power to your devices. Ensure proper grounding.
- **Cooling (Optional):** For high-density installations, consider installing fan panels or ventilation plates to maintain optimal operating temperatures for your equipment.
- **Security:** Always lock the front door using the provided key to prevent unauthorized access to your valuable equipment.



Figure 5: Example of equipment installation within the EXTRALINK 37U Network Cabinet. This image illustrates various components such as fan panels, switches, patch panels, power strips, cable organizers, shelves, and fiber optic patch panels installed inside the rack.

Maintenance

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

- **Cleaning:** Periodically clean the exterior surfaces of the rack with a soft, damp cloth. Avoid abrasive cleaners. For the tempered glass door, use a glass cleaner.
- **Dust Removal:** Regularly check for dust accumulation inside the rack, especially around ventilation points and equipment fans. Use compressed air or a vacuum cleaner designed for electronics to remove dust.
- **Cable Inspection:** Inspect all cables for signs of wear, damage, or loose connections. Re-route or replace as

necessary.

- **Security Check:** Ensure all locks are functioning correctly and that side panels and doors are securely closed.
- **Accessory Check:** If using additional accessories like shelves, fan units, or cable management, ensure they are securely mounted and functioning properly.

Troubleshooting

Most issues related to the rack itself are minor and can be resolved with simple checks.

Problem	Possible Cause	Solution
Rack is unstable/wobbles	Uneven floor; adjustable feet not properly set.	Adjust the leveling feet until the rack is stable. Ensure all feet are in contact with the floor.
Door not closing properly	Hinges misaligned; obstruction; lock mechanism issue.	Check for obstructions. Inspect hinges for alignment and tighten if loose. Lubricate the lock mechanism if stiff.
Excessive heat inside rack	Poor airflow; overloaded equipment; dust accumulation.	Ensure proper cable management for airflow. Consider installing fan units. Clean dust from equipment and rack vents. Reduce equipment density if possible.
Side panels difficult to remove/attach	Misalignment; debris in grooves.	Check alignment and ensure no cables or equipment are obstructing. Clean any debris from the panel grooves.

Specifications

Feature	Detail
Brand	EXTRALINK
Model	37U 600x1000 (Model Number: 1)
Rack Units (U)	37U
Dimensions (H x W x D)	1765mm x 600mm x 1000mm (approx. 69.5 x 23.6 x 39.4 inches)
Material	Alloy Steel (Cold-rolled steel)
Maximum Weight Capacity	1000 kg (approx. 2200 lbs)
Door Type	Tempered Glass Front Door, Steel Rear Door
Mounting Type	Floor Mount

Feature	Detail
Color	Black



Figure 6: Overview of EXTRALINK server cabinet sizes. This image shows various rack unit sizes (4U, 6U, 15U, 18U, 22U, 27U, 32U, 37U) with their corresponding approximate heights in centimeters, illustrating the range of products available from EXTRALINK.

Warranty and Support

For warranty information and technical support, please refer to the official EXTRALINK website or contact your local distributor. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, you may visit the EXTRALINK Store on Amazon.

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