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EXTRALINK 600X800MM 27HE

Extralink 27U 19-Inch 600x800 Server Rack Instruction Manual

Model: 600X800MM 27HE

Introduction

The Extralink 19-inch server rack is a robust and versatile solution designed for organizing and protecting network equipment. It is perfectly suited for use in offices, network server rooms, and CCTV control centers. This rack supports the standard installation of 19-inch equipment, making it ideal for a wide range of professional applications. Its construction features cold-rolled steel and a tempered glass front door, ensuring both durability and visibility.



Image: Extralink 27U Server Rack in an office setting, illustrating its primary applications and key material features.

Setup and Assembly

The Extralink server rack is delivered unassembled and includes all necessary screws and components for assembly. Follow these general guidelines for a quick and easy setup. While detailed instructions are provided in the packaging, these points highlight key assembly features.

1. **Unpacking:** Carefully unpack all components and verify against the parts list provided in the box.
2. **Base Assembly:** Assemble the base frame, ensuring the adjustable feet or heavy-duty casters are correctly installed. The casters allow for mobility, while the adjustable feet provide stability once the rack is in its final position.

3. **Frame Construction:** Attach the vertical rails and top frame to the base. The vertical rails are marked with U-heights (up to 27U) to assist with equipment mounting.
4. **Side Panels and Doors:** Install the removable side panels and the front/rear doors. The front door, made of tempered glass, can be configured to open either to the left or right. Ensure all locks are functional.
5. **Cable Management:** Utilize the cable passages on the top and bottom plates to route cables, preventing tangling and ensuring a tidy setup.
6. **Cooling System:** If installing fans, use the designated fan slots in the upper section of the rack for optimal airflow.



Image: Key features for assembly and access, including removable side panels and adjustable door swing.



Image: Example of component installation within the rack, showing organized setup.

Operating the Server Rack

The Extralink server rack is designed for secure and efficient operation of your network equipment. Proper use ensures longevity and optimal performance of your installed devices.

- **Equipment Access:** The front door and removable side panels provide easy access to your equipment for installation, maintenance, or adjustments. Use the provided keys to unlock the doors and side panels.
- **Security:** Always ensure the front door and side panels are locked when not actively working inside the rack to protect your valuable equipment from unauthorized access.
- **Cable Management:** Regularly check and organize cables using the integrated cable passages and optional cable organizers to maintain airflow and prevent damage or disconnections.
- **Ventilation:** The rack features four fan slots in the top section. Ensure these are clear and, if fans are installed, that they are operating correctly to maintain adequate cooling for your equipment.
- **Weight Distribution:** Distribute equipment weight evenly within the rack to maintain stability. The rack is designed to support a maximum weight of 1000 kg.

Maintenance

Regular maintenance will extend the life of your Extralink server rack and ensure the continued protection of your equipment.

- **Cleaning:** Periodically clean the exterior surfaces with a soft, damp cloth. For the tempered glass door, use a glass cleaner. Avoid abrasive cleaners that could scratch the surfaces.
- **Door and Lock Inspection:** Check the door hinges and locks for smooth operation. Lubricate if necessary. Ensure the keys are kept in a safe place.
- **Panel Security:** Verify that all side panels are securely latched and locked.

- **Caster/Foot Check:** If using casters, ensure they roll freely. If using adjustable feet, confirm they are stable and level.
- **Internal Inspection:** With power off and appropriate safety measures, occasionally inspect the interior for dust accumulation, especially around fan openings. Clean as needed to maintain optimal airflow.

Troubleshooting

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

- **Rack Instability:**
  - Ensure all assembly screws are tightened.
  - If using adjustable feet, verify they are properly extended and making firm contact with the floor, and the rack is level.
  - If using casters, ensure the brakes are engaged when the rack is stationary.
  - Check for uneven weight distribution of equipment inside the rack.
- **Door/Panel Not Closing or Locking:**
  - Inspect hinges for damage or misalignment.
  - Check if any internal equipment is obstructing the door or panel.
  - Ensure the lock mechanism is clean and lubricated.
- **Overheating Equipment:**
  - Verify that the fan slots are clear of obstructions.
  - Ensure any installed fans are operational and correctly oriented for airflow.
  - Check for proper cable management to avoid blocking ventilation.
  - Consider adding additional cooling solutions if necessary.

Specifications

Feature	Detail
Brand	EXTRALINK
Model	600X800MM 27HE
Rack Units (U)	27U
Product Dimensions (H x D x W)	1320mm x 800mm x 600mm (approx. 52 x 31.5 x 23.6 inches)
Material	Cold-rolled Steel and Tempered Glass
Compatible Devices	Servers, Switches, UPS, Network Equipment
Mounting Type	Floor Mount (Freestanding)
Assembly Required	Yes
Number of Items	1
Manufacturer Part Number	EX.11366
Country of Origin	China
Maximum Weight Capacity	1000 kg (2200 lbs)



Image: Dimensions and maximum weight capacity of the 27U server rack.

Warranty and Support

Your Extralink server rack comes with a comprehensive warranty and dedicated customer support.

- **Warranty:** This product is covered by a **24-month warranty** from the date of purchase. Please retain your proof of purchase for any warranty claims.
- **Customer Support:** For any questions regarding assembly, operation, troubleshooting, or warranty claims, please contact our specialized customer support team. Refer to your purchase documentation for contact details.

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