

## Tecmojo 11130306

# Tecmojo 4U Server Rack (Model 11130306) Instruction Manual

This manual provides detailed instructions for the installation, operation, and maintenance of your Tecmojo 4U Server Rack.

## 1. INTRODUCTION

The Tecmojo 4U Server Rack (Model 11130306) is a versatile and durable solution for organizing 19-inch IT equipment. Designed for both vertical and horizontal wall mounting, it features a vented enclosure to ensure optimal airflow and protect your valuable devices. This manual provides essential information for safe installation, proper use, and maintenance.

### Key Features:

- **Durable Construction:** Made from heavy-duty cold rolled steel with an electrostatic powder coat to prevent rust and corrosion.
- **High Capacity:** Supports up to 60 lbs (27 kg) of equipment.
- **Space-Saving Design:** Offers flexible vertical or horizontal installation options.
- **Optimized Airflow:** Features four-sided vents to enhance air circulation and prolong equipment life.
- **Considerate Design:** Adjustable rack rails and bottom knock-out holes for efficient cable management.
- **Standard Compliance:** EIA/ECA-310-E compliant for 19-inch rack-mountable equipment.



Figure 1: Tecmojo 4U Server Rack, showcasing its vented design and robust construction.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the Tecmojo 4U Server Rack. Failure to do so may result in injury or damage to equipment.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 60 lbs (27 kg). Overloading can cause the rack to fail, leading to equipment damage or personal injury.
- **Mounting Surface:** Ensure the wall or mounting surface is structurally sound and capable of safely

supporting the combined weight of the rack and all installed equipment.

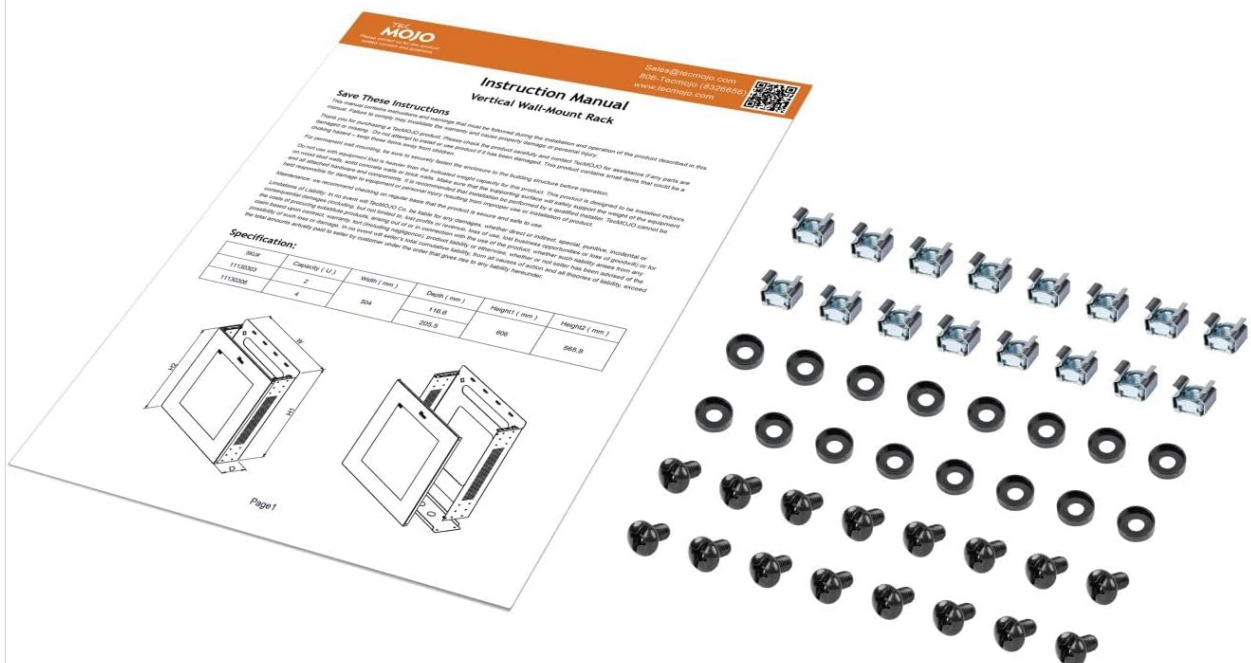
- **Tools:** Use appropriate tools for installation. Wear safety glasses and gloves as needed.
- **Electrical Safety:** When installing electrical equipment, ensure all power is disconnected and follow all relevant electrical safety codes and guidelines.
- **Ventilation:** Do not obstruct the ventilation holes. Proper airflow is crucial for preventing equipment overheating.

### 3. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation:

- Tecmojo 4U Server Rack
- Instruction Manual
- M6\*12 Screws (x16)
- M6 Plastic Gaskets (x16)
- M6 Nuts (x16)

## PRODUCT INCLUDES



M6\*12 Screws × 16

M6 Plastic Gasket × 16

M6 Nut × 16

Figure 2: Included hardware for mounting equipment within the rack.

4. SPECIFICATIONS

Feature	Specification
Model Number	11130306
Rack Units	4U
Product Dimensions (D x W x H)	8.1" x 19.8" x 23.9" (205.5mm x 504mm x 606mm)
Item Weight	23.6 pounds (10.7 kg)
Weight Capacity	60 lbs (27 kg)
Material	Cold Rolled Steel (Alloy Steel)
Color	Black
Compliance	EIA/ECA-310-E

SPECIFICATIONS

Height1  
22.3"  
(565.8mm)

Height2  
23.9"(606mm)

Length  
19.8"(504mm)

Depth  
8.1"(205.5mm)

4U Rack Space	Dimensions: 19.8"L x 23.9"H x 8.1"D
Cold Rolled Steel Construction	EIA/ECA-310-E Compliant
Weight Capacity: 60lbs	

## 5. INSTALLATION AND SETUP

Follow these steps to properly install your Tecmojo 4U Server Rack:

1. **Choose Location:** Select a suitable location on a sturdy wall. Ensure there is adequate space around the rack for ventilation, equipment access, and cable routing. The rack can be mounted either vertically or horizontally.
2. **Identify Studs:** The rack's mounting holes are spaced 16 inches apart, designed to align with standard wall stud placement. Use a stud finder to locate and mark the center of the wall studs.
3. **Secure Rack to Wall:** Using appropriate wall mounting hardware (not included), securely fasten the rack to the wall studs. Ensure all fasteners are tightened to prevent any movement or instability.
4. **Adjust Rack Rails:** The internal rack rails can be adjusted to different depths. Use the various screw hole combinations to position the rails in 1.5-inch increments to best fit your equipment.



Figure 4: Rear mounting holes spaced 16 inches apart for wall stud installation.



## 4U Vertical Wall-Mount Rack

Electrostatic powder coat preventing rust and corrosion



Figure 5: Adjustable mounting rails and cable knock-out holes for flexible setup.

## 6. OPERATION

Once the rack is securely mounted, you can begin installing your equipment:

- **Equipment Installation:** Mount your 19-inch rack-mountable equipment into the rack using the provided M6 screws, plastic gaskets, and nuts. Ensure equipment is evenly distributed to maintain balance and stability.
- **Cable Management:** Utilize the bottom knock-out holes for efficient routing and organization of cables. This helps maintain a tidy setup and prevents cable strain.
- **Airflow:** Ensure that the four-sided vents on the rack are not obstructed by walls, other equipment, or debris. Proper airflow is critical for maintaining optimal operating temperatures for your IT equipment.

## 4U Vertical Wall-Mount Rack

Made of Cold Rolled Steel, the cabinet can hold up to 60 lbs

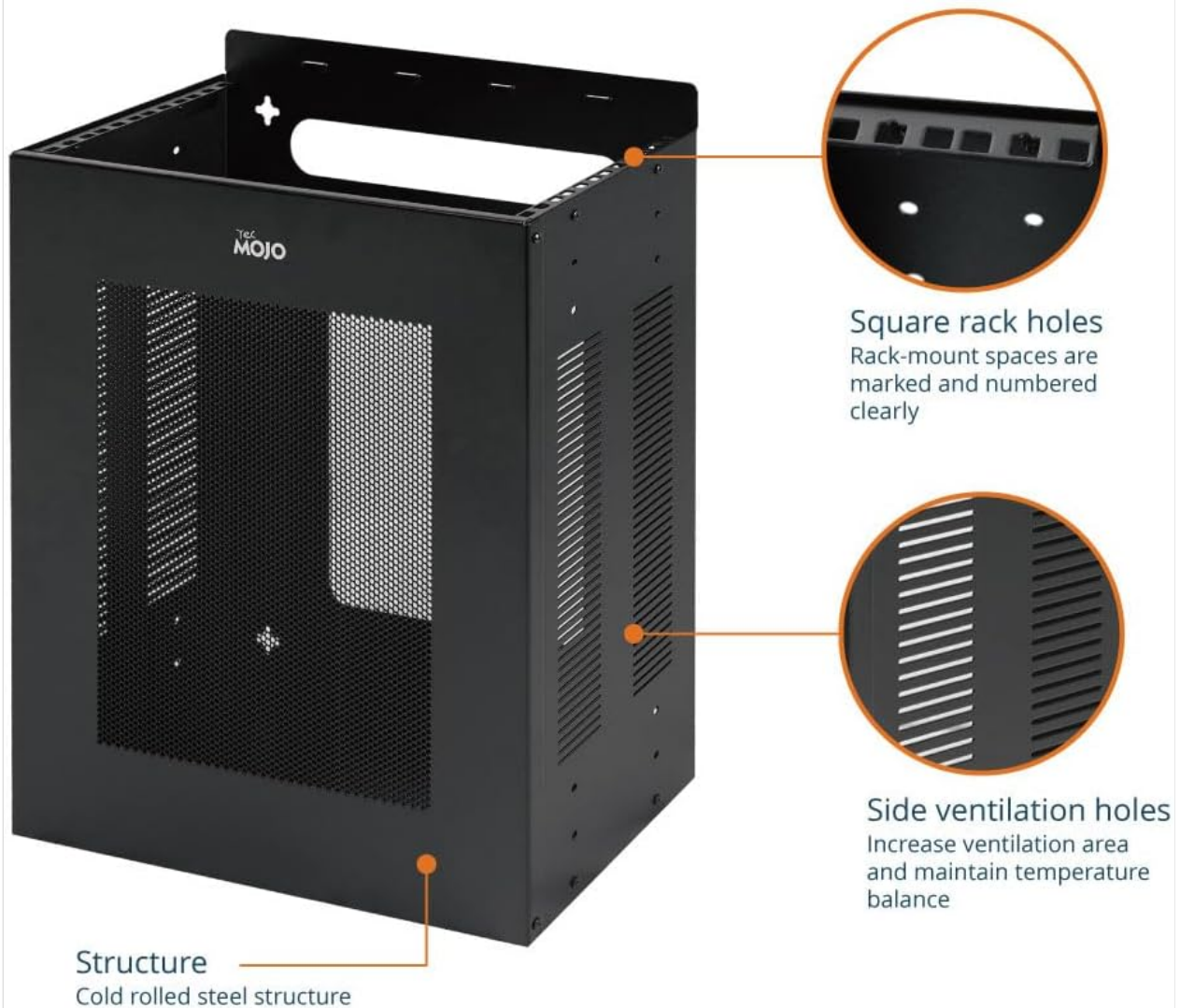


Figure 6: Square rack holes for secure equipment mounting and side ventilation for cooling.

## 7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your server rack:

- **Inspection:** Periodically inspect the rack for any signs of wear, damage, or loose fasteners. Tighten any loose screws or bolts.
- **Cleaning:** Keep the rack and its ventilation panels free from dust and debris. Use a soft, dry cloth for cleaning. Avoid using harsh chemicals or abrasive cleaners, which can damage the electrostatic powder coat finish.
- **Ventilation Check:** Ensure that all four-sided vents remain unobstructed to allow for continuous and efficient airflow.

## 8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Equipment Overheating:** If equipment within the rack is running hotter than expected, verify that all rack vents are clear and unobstructed. Ensure the rack is not placed in an area with poor ambient airflow. Consider the heat dissipation patterns of your specific equipment; some servers may require additional cooling solutions or different rack configurations.
- **Unstable Rack:** If the rack feels unstable after installation, immediately remove all equipment. Re-check all wall mounting fasteners to ensure they are securely anchored into structural elements of the wall. Verify that the total weight of the equipment does not exceed the 60 lbs (27 kg) capacity.
- **Difficulty Mounting Equipment:** Ensure you are using the correct M6 screws and nuts provided. Check that the rack rails are properly aligned and adjusted to the appropriate depth for your equipment.

## 9. WARRANTY AND SUPPORT

For warranty information regarding your Tecmojo 4U Server Rack, please refer to the purchase documentation or contact Tecmojo customer support directly.

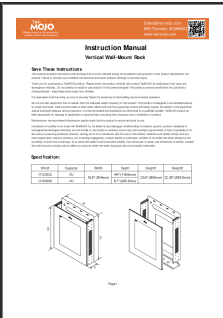
For technical assistance, product inquiries, or to explore other Tecmojo products, please visit the official Tecmojo store:

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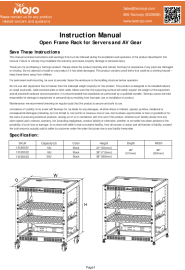
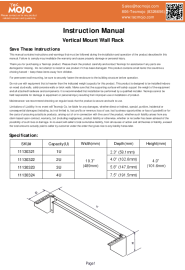

No official product videos were found that met the criteria for inclusion in this manual.

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### Related Documents - 11130306

	<p><a href="#">TecMOJO Vertical Wall-Mount Rack Instruction Manual</a></p> <p>Instruction manual for the TecMOJO Vertical Wall-Mount Rack, including safety warnings, specifications, accessories, and step-by-step installation guide for models 11130303 and 11130306.</p>
	<p><a href="#">Tecmojo Swing Gate Wall-Mount Rack Instruction Manual</a></p> <p>Comprehensive instruction manual for the Tecmojo Swing Gate Wall-Mount Rack, detailing specifications, hardware, accessories, and step-by-step installation for secure equipment mounting.</p>



	<p><a href="#">Tecmojo Open Frame Rack for Servers and AV Gear - Instruction Manual</a></p> <p>Comprehensive instruction manual for Tecmojo's Open Frame Racks for Servers and AV Gear. Includes specifications, safety guidelines, and assembly instructions for models 11120121, 11120122, and 11120123.</p>
	<p><a href="#">Tecmojo Vertical Mount Wall Rack Instruction Manual</a></p> <p>Instruction manual for Tecmojo Vertical Mount Wall Racks, including specifications, safety warnings, and installation guidance for models 11130321, 11130322, 11130323, and 11130324.</p>
	<p><a href="#">Tecmojo Steel 2-Post Square Hole Server Rack Instruction Manual</a></p> <p>Instruction manual for Tecmojo's 2-post square hole steel server rack, detailing specifications, parts, and assembly steps for various U capacities.</p>
	<p><a href="#">Tecmojo Wall Mount AV Rack Instruction Manual</a></p> <p>Detailed instruction manual for Tecmojo Wall Mount AV Racks, covering safety, specifications, and step-by-step assembly for models 11120101, 11120102, and 11120103. Includes hardware and parts lists.</p>

