

Tecmojo 6U/18" Depth (New)

Tecmojo 6U Wall Mount Server Rack Instruction Manual

Model: 6U/18" Depth (New)

Brand: Tecmojo

INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your Tecmojo 6U Wall Mount Server Rack. This open frame network rack is designed to securely house 19-inch computer, AV, data, IT, and media equipment. Its robust construction from cold rolled steel ensures durability, while the open frame design facilitates efficient heat dissipation. The unique 180-degree swing gate offers convenient access to the rear of your equipment for cabling and servicing.

Key features include:

- **Specification:** 6U Wall Mount Rack, 16-inch apart mounting holes; 18-inch Depth; Square hole or tapped hole installation can be switched with each other.
- **Solid & Durable:** Network rack wall mount is made from Cold Rolled Steel; Static load bearing 110 lbs (50kg), sliding load 55 lbs (25kg); Electrostatic powder coat preventing rust and corrosion.
- **Design Features:** Open Frame structure of wall mount server rack, easy to move and heat dissipation; 180 degrees swing gate for rear cable access from both sides.
- **Widely Applicable:** Server rack fits for 19-inch equipment; Suitable choice of data rack and audio rack; Various specifications including height of 6U, 9U, 12U, 15U, 18U, depth of 18-inch and 24-inch; Compliant EIA/ECA-310-E.
- **Easy Installation:** Provided with corresponding accessories, instructions, drilling hole template, and video explanation for reference.

SETUP AND ASSEMBLY

Follow these steps for proper assembly and installation of your Tecmojo Wall Mount Server Rack. A drilling

hole template and all necessary accessories are included to facilitate the process.

Included Components

PRODUCT INCLUDES

The image displays the components included with the product. On the left is the instruction manual, titled "Instruction Manual Swing Gate Wall-Mount Rack". It features a QR code and a table of specifications. To the right of the manual are 12-24 cross screws, 12-24 cage nuts, and 4 M5*30 wall mounting screws.

Model	Capacity(kg)	Color	Dimensions	Weight(g)
1120101	50	Black	400x50	120
1120102	50	Black	400x50	120
1120103	50	Black	400x50	120
1120104	50	Black	400x50	120
1120105	50	Black	400x50	120
1120106	50	Black	400x50	120
1120107	50	Black	400x50	120
1120108	50	Black	400x50	120
1120109	50	Black	400x50	120
1120110	50	Black	400x50	120
1120111	50	Black	400x50	120
1120112	50	Black	400x50	120
1120113	50	Black	400x50	120
1120114	50	Black	400x50	120
1120115	50	Black	400x50	120
1120116	50	Black	400x50	120
1120117	50	Black	400x50	120
1120118	50	Black	400x50	120
1120119	50	Black	400x50	120
1120120	50	Black	400x50	120

12-24 Cross screws × 10

12-24 Cage nuts × 10

M5*30 Wall mounting screws × 4

Image: Overview of included accessories, including screws, cage nuts, and the instruction manual.

Ensure all components listed in the manual are present before beginning assembly.

Assembly Steps

For a visual guide, please refer to the assembly demonstration video below.

Video: Tecmojo Swing Gate Wall Mount Rack Assembly Demonstration. This video provides a step-by-step guide on how to assemble the rack components.

- Unpack and Verify:** Carefully unpack all components and verify against the included parts list. Locate the mounting hole drilling template.
- Assemble Side and Front Frames:** Use the provided M5 and M3 screws to securely attach the side frames to the front beams. Ensure all connections are tight.
- Install Hinge Fittings:** Insert the two white hinge fittings at the top and two black hinge fittings at the bottom of the main frame structure. These fittings are crucial for the swing gate mechanism.
- Attach Front Gate:** Carefully push the front gate into the installed hinge fittings until it is securely in

place. Test the swing mechanism to ensure smooth operation.

Wall Mounting

The rack is designed for standard 16-inch stud placement. Use the provided drilling template to mark the precise locations for mounting on your wall.

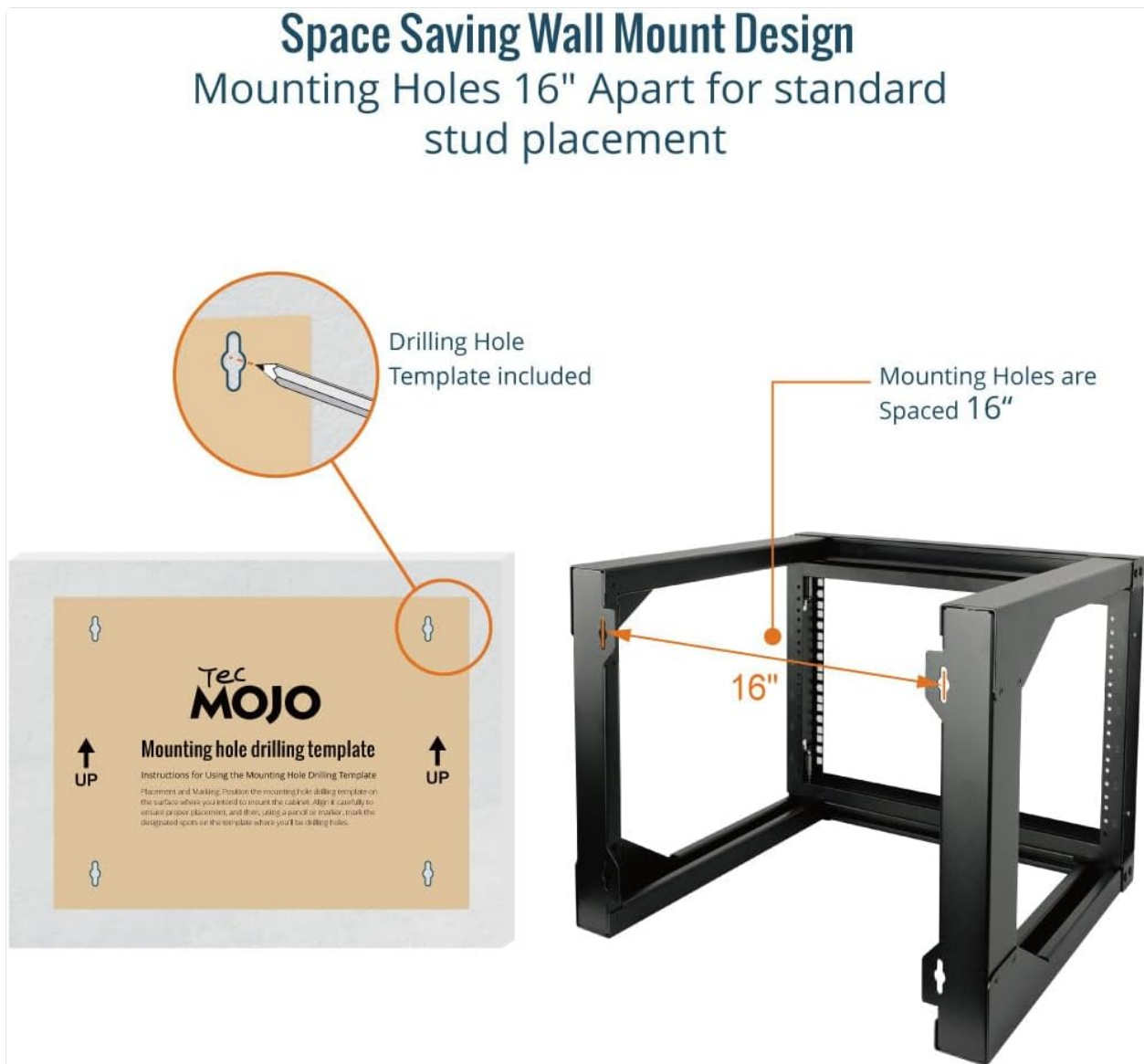


Image: Drilling hole template and illustration of 16-inch mounting hole spacing for standard stud placement.

Once the holes are marked and drilled, securely mount the rack to the wall using appropriate hardware for your wall type. For optimal stability, it is recommended to mount into wall studs. The static load bearing capacity is 110 lbs (50kg).

OPERATING INSTRUCTIONS

Your Tecmojo Wall Mount Server Rack is designed for ease of use and accessibility.

Loading Equipment

The rack is compatible with 19-inch equipment. The rack rails can accommodate both square and tapped holes, providing flexibility for various mounting needs. Use appropriate cage nuts and screws (if using square

holes) or threaded screws (if using tapped holes) to secure your devices.

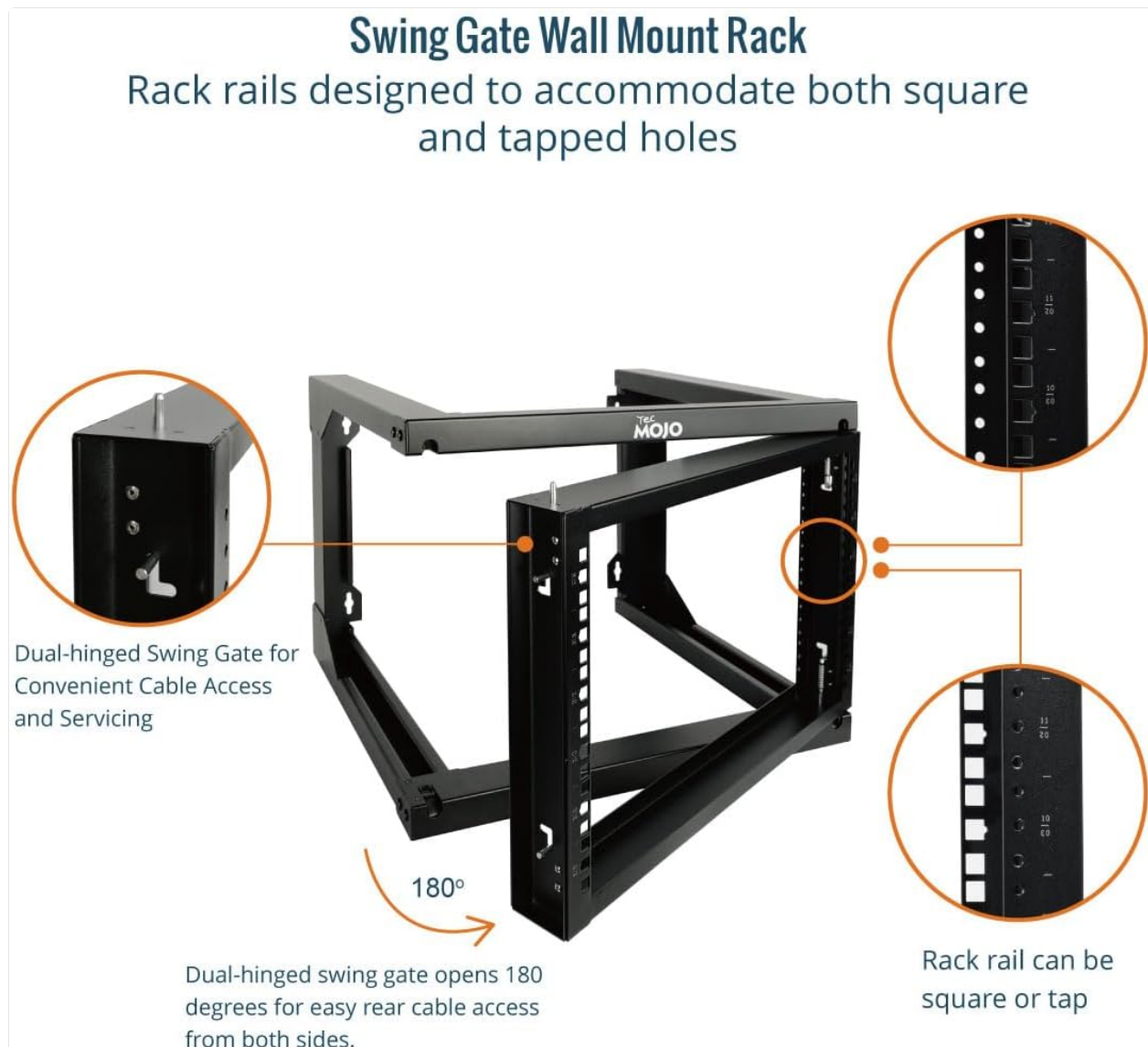


Image: Detail showing the rack rails with options for both square and tapped holes.

Utilizing the Swing Gate

The unique 180-degree dual-hinged swing gate allows for convenient rear cable access and servicing from both sides of the rack. This feature is particularly useful for managing complex cable setups or performing maintenance without fully dismounting equipment.



Image: The Tecmojo server rack with its swing gate fully open, illustrating the 180-degree access for cabling and maintenance.

Video: Swing Gate Wall Mount Rack Feature Demonstration. This video highlights the functionality of the 180-degree swing gate for easy rear access.

MAINTENANCE

To ensure the longevity and optimal performance of your Tecmojo Wall Mount Server Rack, regular maintenance is recommended:

- **Cleaning:** Periodically wipe down the rack with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners that could damage the electrostatic powder coat finish.
- **Hardware Inspection:** Every 6-12 months, inspect all screws and mounting hardware to ensure they

remain tight. Loose connections can affect stability and load bearing capacity.

- **Swing Gate Check:** Verify that the swing gate operates smoothly and that the hinge fittings are free from obstruction or damage.
- **Load Distribution:** Ensure that equipment is evenly distributed within the rack to maintain balance and prevent undue stress on the mounting points.

TROUBLESHOOTING

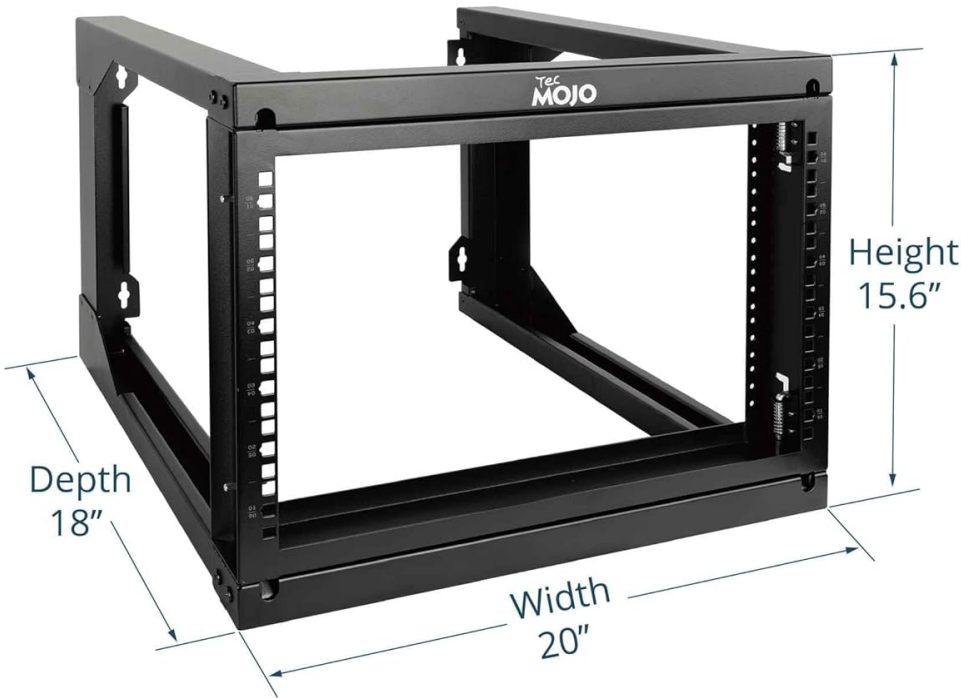
If you encounter any issues with your Tecmojo Wall Mount Server Rack, consider the following common solutions:

Problem	Possible Cause	Solution
Rack feels unstable after mounting.	Improper wall mounting; screws not fully tightened; not mounted into studs.	Ensure the rack is mounted into wall studs using appropriate hardware. Tighten all mounting screws securely. Re-check the drilling template alignment.
Swing gate is stiff or does not open smoothly.	Hinge fittings are not properly seated or are obstructed; excessive weight on the gate.	Check that the hinge fittings are correctly inserted and free of debris. Ensure the rack is not overloaded beyond its sliding load capacity of 55 lbs (25kg) when opening the gate.
Equipment does not fit the rack rails.	Incorrect equipment size (not 19-inch standard); using wrong type of mounting hardware (e.g., tapped screws for square holes).	Verify your equipment is 19-inch rack-mountable. Ensure you are using the correct screws and cage nuts (if applicable) for the rail type (square or tapped holes).

SPECIFICATIONS

Detailed specifications for the Tecmojo 6U Wall Mount Server Rack:

SPECIFICATIONS



6U Rack Space	Dimensions: 18"D x 20"W x 15.6"H
Cold Rolled Steel structure	EIA/ECA-310-E Compliant
Weight Capacity: 110lbs	

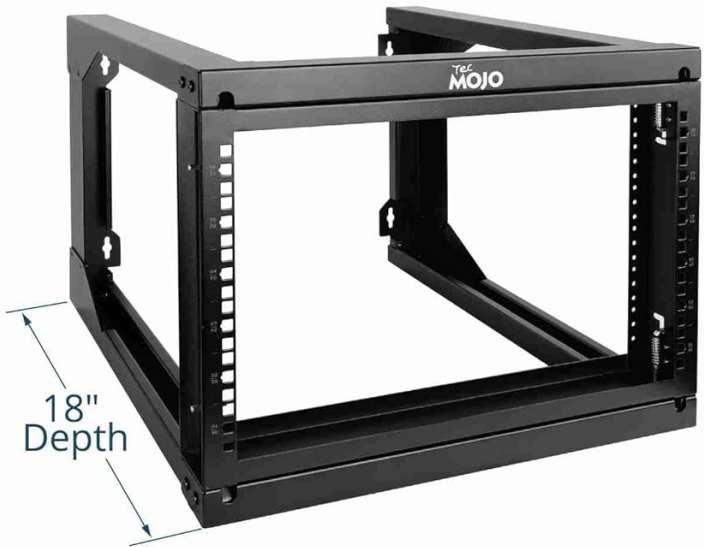
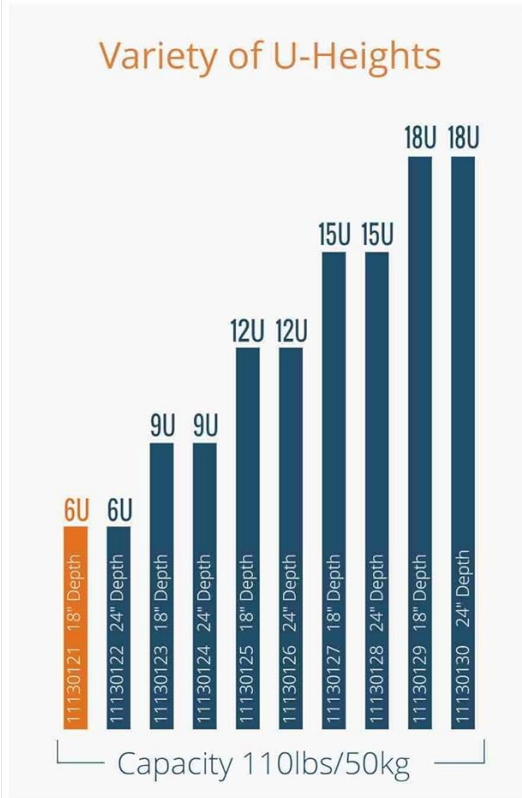
Image: Key dimensions and specifications of the 6U Wall Mount Server Rack.

Attribute	Value
Model	6U/18" Depth (New)
Product Dimensions	18"D x 20"W x 15.6"H (18 x 20 x 15.62 inches)
Item Weight	22.4 pounds
Material	Alloy Steel (Cold Rolled Steel)
Color	Black
Static Load Bearing Capacity	110 lbs (50kg)
Sliding Load Capacity (Swing Gate)	55 lbs (25kg)
Mounting Hole Spacing	16 inches apart
Rack Unit (U) Height	6U (also available in 9U, 12U, 15U, 18U)
Compliance	EIA/ECA-310-E Compliant

Attribute	Value
Country of Origin	China

Swing Gate Wall Mount Rack

Available in a Variety of U-Heights



High Quality

Easy Installation

Space Saving

Maximum Weight Capacity Of 110lbs (50kg)

EIA/ECA-310-E Compliant

Flat-packed

Image: Illustration of the various U-heights available for Tecmojo wall mount racks.

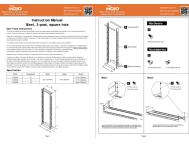
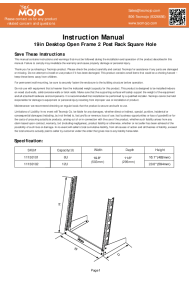
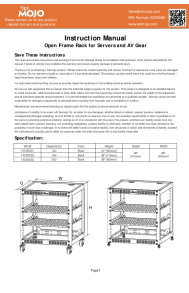
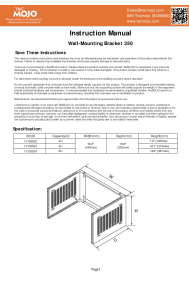
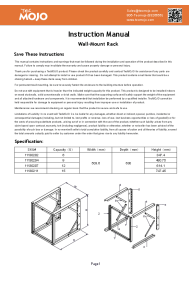
WARRANTY AND SUPPORT

Tecmojo products are manufactured with high-quality materials and undergo rigorous quality control. For specific warranty details, please refer to the documentation included with your purchase or contact Tecmojo customer support directly.

For additional support, product information, or to explore other IT storage solutions, please visit the official Tecmojo store:

[Visit the Tecmojo Store on Amazon](#)

Related Documents - 6U/18" Depth (New)

	<p>Tecmojo Swing Gate Wall-Mount Rack Instruction Manual</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>Tecmojo Steel 2-Post Square Hole Server Rack Instruction Manual</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>Tecmojo 19in Desktop Open Frame 2 Post Rack Square Hole Instruction Manual</p> <p>Instruction manual for the Tecmojo 19in Desktop Open Frame 2 Post Rack Square Hole, detailing safety warnings, product specifications, and step-by-step assembly instructions.</p>
	<p>Tecmojo Open Frame Rack for Servers and AV Gear - Instruction Manual</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>TecMOJO Wall-Mounting Bracket 350 Instruction Manual</p> <p>Instruction manual for the TecMOJO Wall-Mounting Bracket 350, detailing safety warnings, specifications, installation guidance, accessories, and product liability limitations.</p>
	<p>TecMOJO Wall-Mount Rack Instruction Manual - Installation Guide</p> <p>Comprehensive instruction manual for TecMOJO Wall-Mount Racks. Includes safety guidelines, specifications, and step-by-step installation instructions for models 11130202, 11130204, 11130207, and 11130211.</p>