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VEVOR SPT-U300-2A

VEVOR 2U Server Rack Shelf (Model SPT-U300-2A) Instruction Manual

Brand: VEVOR | Model: SPT-U300-2A

1. Introduction and Overview

This manual provides detailed instructions for the VEVOR 2U Server Rack Shelf, a universal vented cantilever tray designed for 19-inch network equipment racks and cabinets. This shelf is ideal for organizing non-rack-mountable gear such as routers, switches, firewalls, and other network devices, providing a neat and efficient setup. Crafted from heavy-duty Q235 carbon steel, it offers robust support and optimal ventilation for your equipment.



Image 1.1: The VEVOR 2U Server Rack Shelf is designed for a perfect fit in all 19-inch standard racks and cabinets, providing additional storage space.

2. What's in the Box

Upon unpacking, please ensure all the following components are present:

- 1 x 2U Server Rack Shelf
- 6 x M6 Cage Nuts
- 10 x M6x12 Cross Head Screws
- 1 x Instruction Manual

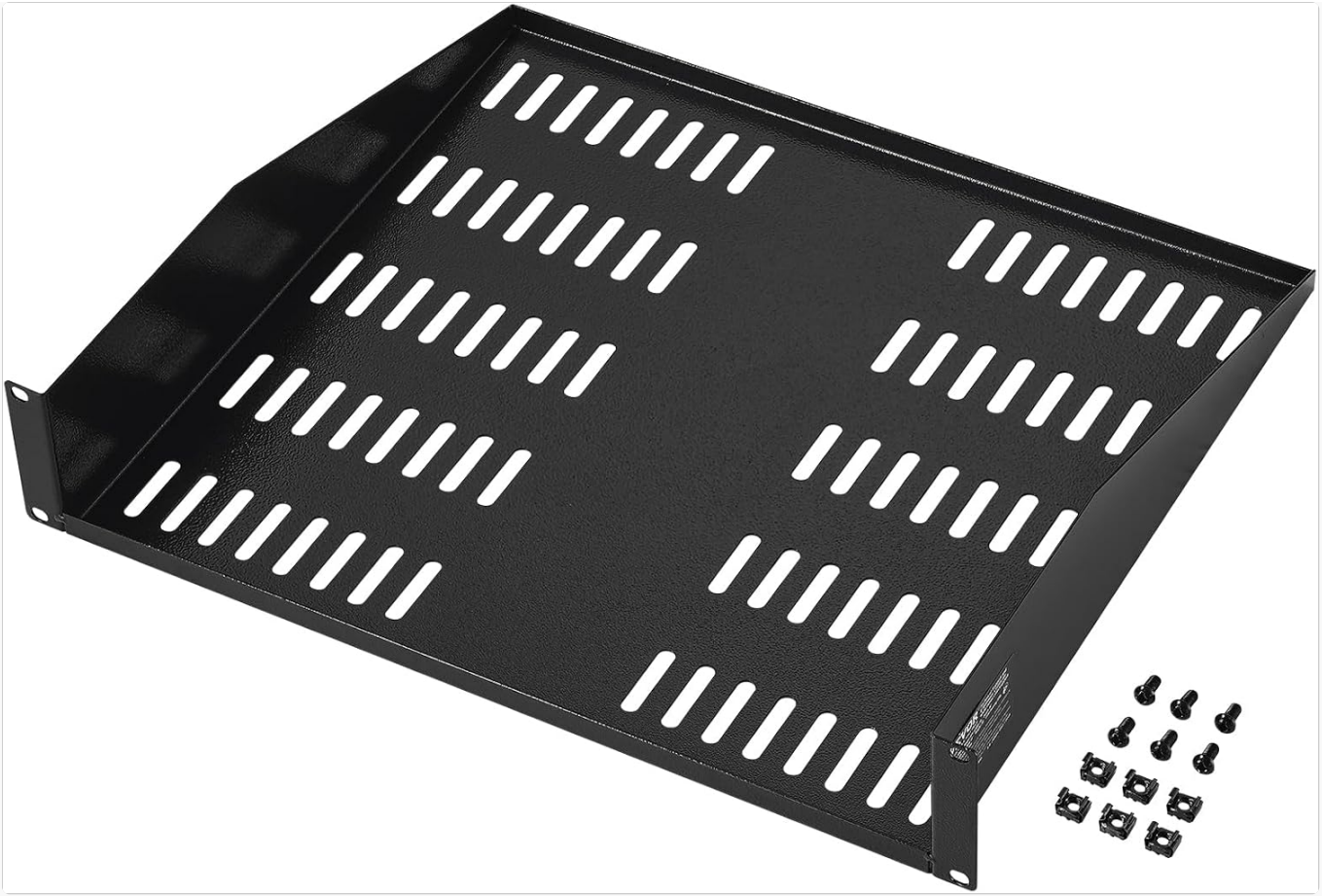


Image 2.1: All components included in the package: the 2U server rack shelf, cage nuts, and cross head screws for installation.

3. System Requirements

To properly install and utilize the VEVOR 2U Server Rack Shelf, ensure your setup meets the following requirements:

- EIA-310 compliant 19-inch server rack/cabinet.
- At least 2U of available space within the rack/cabinet to mount the shelf.
- If using a rack/cabinet that does not use square mounting points along the posts, appropriate mounting hardware for the rack will be required. Consult documentation for your specific rack or contact the manufacturer for guidance.

4. Installation Guide

Follow these steps to install your VEVOR 2U Server Rack Shelf:

1. **Locate a suitable position:** Identify a suitable 2U space within your 19-inch server rack or cabinet where you intend to mount the shelf.
2. **Install Cage Nuts (if applicable):** If your rack uses square mounting holes, install the included M6 cage nuts into the desired square mounting holes on the front posts of the rack.
3. **Position the Shelf:** Carefully place the shelf into the rack. Align the mounting points on the front brackets of the shelf with the mounting points on the rack (e.g., the installed cage nuts).
4. **Secure the Shelf:** Use the provided M6x12 cross head screws to firmly secure the shelf to the rack. If your rack uses M6 threaded rack posts instead of cage nuts, use the appropriate mounting hardware for your rack. Ensure all screws are properly tightened to prevent any movement of the shelf.

Important: Verify that the shelf is securely fastened and has no movement before placing any equipment on it. Always observe the maximum weight capacity of the shelf.



Image 4.1: Visual guide for quick installation, demonstrating how to attach cage nuts, align the shelf, and secure it with screws.

5. Usage and Operation

The VEVOR 2U Server Rack Shelf is designed for versatile use within your network environment. Its robust construction and thoughtful design ensure reliable performance.

- **Heavy-Duty Support:** Constructed from premium Q235 carbon steel with a 0.06-inch (1.5 mm) thickness, this shelf can support up to 50 lbs (22.68 kg). This capacity is suitable for various networking devices, ensuring stability and preventing wobbles or tilts.
- **Optimal Ventilation:** The perforated bottom design promotes effective airflow, reducing equipment temperature and minimizing the risk of malfunctions. This helps maintain stable operation and extends the lifespan of your devices.
- **Flexible Organization:** With a depth of 16 inches (406 mm), the shelf allows for efficient organization of your rack space. It helps keep equipment neatly separated, reducing clutter and preventing interference or collisions between devices.
- **High Guardrail Design:** The shelf features a high guardrail design to effectively prevent accidental falls of

devices placed on it.



Image 5.1: The shelf provides rock-solid stability, capable of supporting up to 50 lbs (22.68 kg) of equipment.

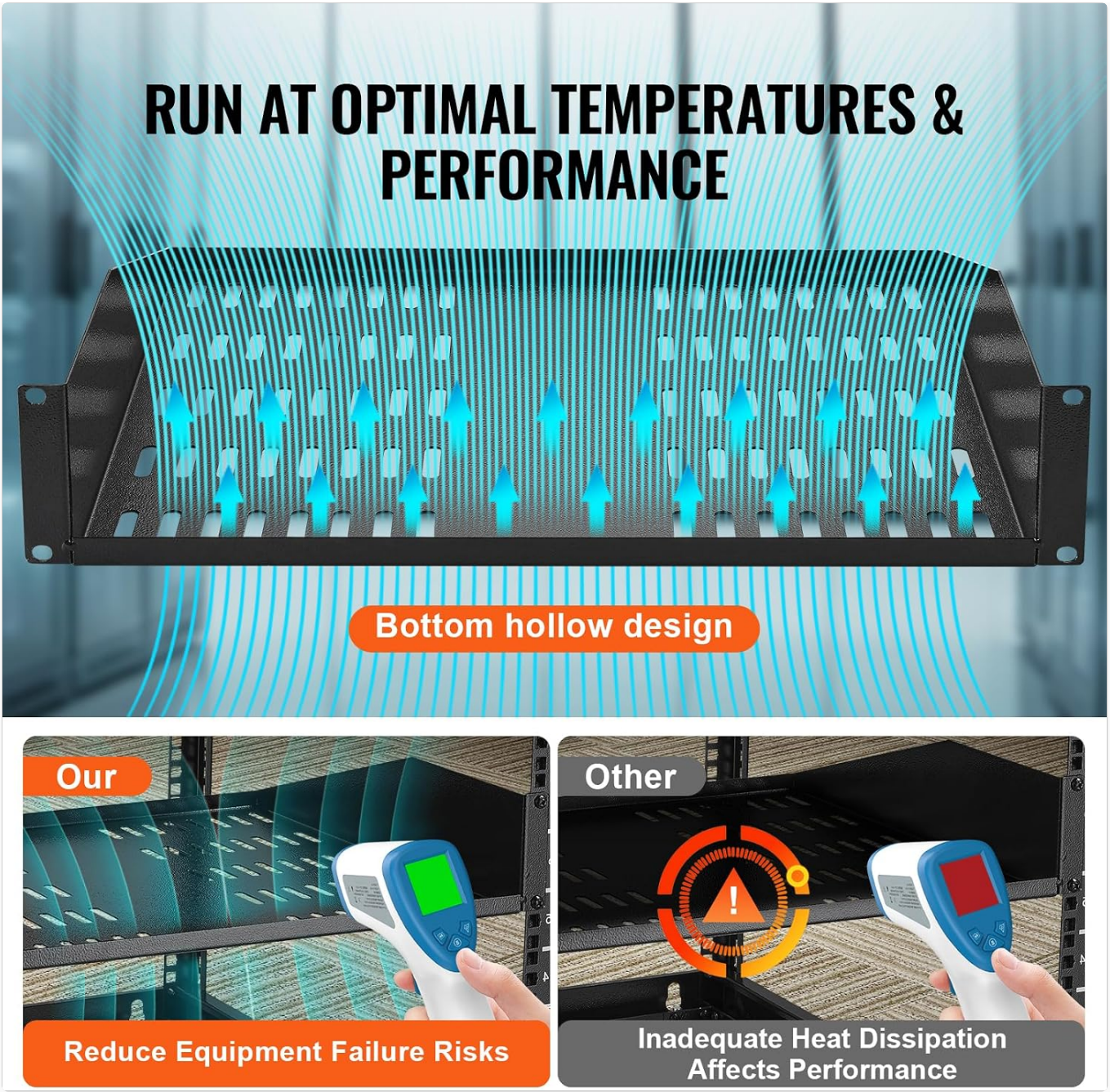


Image 5.2: The optimal ventilation design ensures equipment runs at ideal temperatures, reducing failure risks.



Image 5.3: The shelf is ideal for storing various devices, perfect for home, stage, and studio use.

6. Maintenance

To ensure the longevity and optimal performance of your VEVOR 2U Server Rack Shelf, follow these simple maintenance guidelines:

- **Regular Cleaning:** Periodically wipe down the shelf with a soft, dry cloth to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying.
- **Inspect Fasteners:** Every few months, check all mounting screws and cage nuts to ensure they remain tight. Loose fasteners can compromise the stability and weight capacity of the shelf.
- **Avoid Overloading:** Do not exceed the maximum weight capacity of 50 lbs (22.68 kg) to prevent structural damage or instability.
- **Check Ventilation:** Ensure the perforated bottom remains clear of obstructions to allow for proper airflow and prevent overheating of equipment.

7. Troubleshooting

If you encounter any issues with your VEVOR 2U Server Rack Shelf, consider the following troubleshooting steps:

- **Shelf is not stable:** Ensure all mounting screws are fully tightened. Verify that the cage nuts (if used) are correctly seated in the rack's square holes. Check if the rack itself is stable and properly assembled.
- **Difficulty installing cage nuts:** Ensure you are using the correct size cage nuts for your rack's mounting holes. Apply firm, even pressure to snap them into place.
- **Equipment overheating on shelf:** Confirm that the perforated bottom of the shelf is not blocked by equipment or debris. Ensure adequate airflow within the entire rack cabinet.
- **Shelf does not fit in rack:** Double-check that your rack is a standard 19-inch width and has at least 2U of available space. Refer to the specifications section for exact dimensions.

If these steps do not resolve your issue, please contact VEVOR customer support for further assistance.

8. Product Specifications

Feature	Detail
Model	SPT-U300-2A
Material	Carbon Steel (Q235)
Color	Black
Size	2U-1PC
Installation Width Standard	19 inches
Depth	16 inches (406 mm)
Mounting Height	2U
Max Weight Capacity	50 lbs (22.68 kg)
Item Weight	5.29 Pounds (2.45 kg)
Overall Dimensions (L x W x H)	19 x 16 x 3.5 inches (480 x 410 x 90 mm)
Compatible Devices	Server, Routers, Switches, Firewalls, etc.
Assembly Required	No



Image 8.1: Key dimensions and specifications of the VEVOR 2U Server Rack Shelf.

9. Warranty and Support

VEVOR is committed to providing quality tools and excellent customer service.

- **Warranty:** This product comes with a 1-Year Warranty. Please refer to the warranty certificate included in your package for full details and terms.
- **Technical Support:** For technical support, warranty claims, or any product-related inquiries, please visit the official VEVOR support website at www.vevor.com/support.

We encourage you to register your product online to ensure you receive the latest updates and support information.

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