What are some brands and models of outdoor server racks



Overview

Outdoor Server Rack Guide: How to Choose the Right OneA practical, no-fluff guide on selecting an outdoor server rack—covering IP ratings, cooling, mountin.

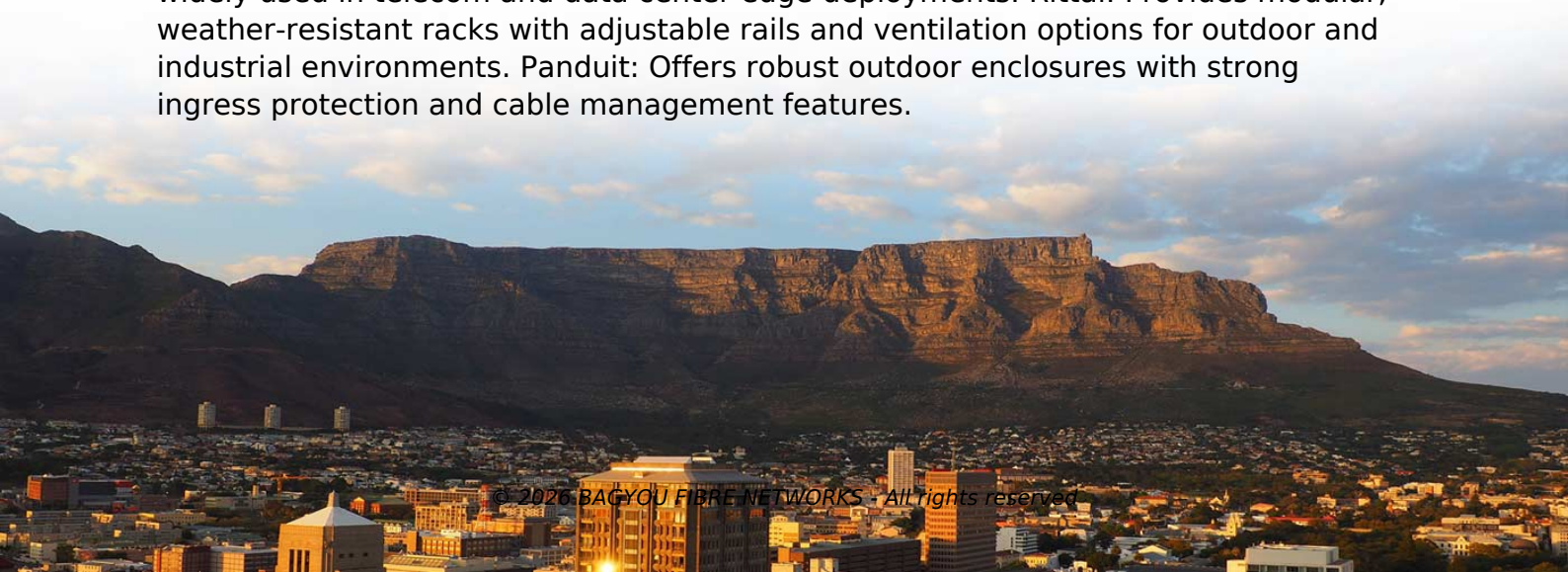
Key Takeaways

Popular brands for outdoor server racks include ESTEL, APC by Schneider Electric, Rittal, Panduit, CyberPower, StarTech, NavePoint, Dell, HP, and Tripp Lite. Outdoor server racks are designed to withstand environmental stress such as rain, dust, UV exposure, and temperature fluctuations, making them ideal for telecom, municipal infrastructure, and edge computing deployments. When selecting a brand, consider IP ratings (IP55–IP66), cooling options, corrosion resistance, and mounting flexibility.

Notable BrandsESTEL: Known for heavy-duty, scalable racks with pre-installed cooling systems, suitable for high-performance outdoor setups.

AP

C by Schneider Electric: Offers reliable enclosures with active and passive cooling, widely used in telecom and data center edge deployments. Rittal: Provides modular, weather-resistant racks with adjustable rails and ventilation options for outdoor and industrial environments. Panduit: Offers robust outdoor enclosures with strong ingress protection and cable management features.



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Cyber

Power Systems US

A, Inc.: Focuses on power-protected racks with environmental monitoring for outdoor IT equipment.

Star

Tech: Provides open-frame, wall-mounted, and enclosed racks suitable for smaller outdoor installations.

Nave

Point: Offers versatile racks and cabinets with high-quality construction and value-oriented solutions.

Dell and H

P: Provide high-end server racks compatible with their server lines, often used in outdoor edge deployments with additional protective enclosures. Tripp Lite: Known for durable racks with integrated cooling and security features for outdoor and industrial applications.

Considerations for Outdoor Use

When choosing an outdoor server rack, prioritize: Ingress Protection (IP rating): Minimum IP55 for dust and water resistance. Cooling: Passive airflow or active fan systems to manage heat. Material and Corrosion Resistance: Powder-coated steel or aluminum for longevity.

Mounting Options: Pole, wall, or freestanding configurations depending on site constraints. Size and Depth: Typically 12U–15U depth of 600 mm is sufficient for edge deployments. Selecting a reputable brand ensures your outdoor IT equipment remains secure, operational, and protected against environmental hazards.

Article Content

Outdoor Server Rack Guide: How to Choose the Right One

A practical, no-fluff guide on selecting an outdoor server rack—covering IP ratings, cooling, mounting, cost trade-offs, and real-world use cases.

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46 Server Rack Manufacturers in 2026

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This section provides an overview for server racks as well as their applications and principles. Also, please take a look at the list of 46 server rack manufacturers and their company rankings.

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Server Racks: Everything You Need to Know | Eaton

Everything you need to know about server racks and how to buy one for your business. Our guide covers different types of server racks, their features, and

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10 Best Server Racks (June 2026) Honest Review After Testing

Cables tangled, airflow was terrible, and one server actually shut down from overheating. That disaster taught me the value of a proper server rack, and I have been testing them ever since.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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