

Price of New Data Center Racks



Overview

What Are the Best Data Center Rack Prices?

Below is a comparative analysis of five industry-vetted solutions: Budget-conscious deployments favor standard 42U racks from Shenzhen Jingzhi (\$100-\$140 range), while mission-critical facilities benefit from Safewell's reinforced designs. Data Center Rack Market (By Rack Type: Open Frame Racks, Enclosed Racks/Cabinets, Wall-Mounted Racks; By Rack Height: 36U & Below, 37U-48U, 49U & Above; By Rack Width: 19 Inch Racks, 23 Inch Racks, Others (custom sizes); By Rack Depth: 600 mm-1000 mm, 1001 mm-1200 mm, Above 1200 mm; By. The global data center rack market is projected to grow from USD 5. 42 billion by 2030, at a CAGR of 12. 7%, driven by the rapid expansion of hyperscale, colocation, and edge data centers. Growth is fueled by rising demand for AI-ready infrastructure, cloud-native. Selecting racks requires balancing technical specifications with cost-efficiency. Start with these key considerations: Prioritize suppliers with ISO 9001 certification and proven Fortune 500 partnerships. Evaluate after-sales support through service-level agreements (SLAs) for installation and. When it comes to the design of the data center the rack is an incredibly important component since it is the structure that houses and supports many of the servers, storage, and network equipment.



Article Content

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Regionally, North America and Europe command premium pricing due to stricter compliance requirements, while Asia-Pacific dominates volume production with competitive pricing.

[Data Center Rack Market Report 2025-2030, By Rack](#)

The global data center rack market is projected to grow from USD 5.17 billion in 2025 to USD 9.42 billion by 2030, at a CAGR of 12.7%, driven by the rapid

[Data Center Rack Market Report 2025-2030, By Rack Type, Geo, Tech](#)

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[kW per Rack Explained: Optimize Your Data Center](#)

Learn how kW per rack impacts colocation pricing, energy efficiency, and performance. Discover best practices to manage power, reduce costs, and

[How Much Does a Rack in a Data Center Cost?](#)

Thus, overall, the cost of the hardware, the installation, and the constant usage of the rack in one data center may vary from \$5000 to \$50000 per 12 months depending upon its specifications and the

[VanEck Data Center Supply Chain ETF \(RACK\) Stock](#)

Get real-time VanEck Data Center Supply Chain ETF (RACK) stock price, charts, news, and analyst ratings on Benzinga. Access forecasts, historical

[Qualcomm Unveils AI200 and AI250 Chip-Based](#)

Qualcomm Technologies, Inc. today announced the launch of its next-generation AI inference-optimized solutions for data centers: the Qualcomm

[NN Shares Soar After Winning New NVIDIA AI Data Centre Contracts](#)

NN, Inc. (NASDAQ:NNBR) shares surged 68% on Monday after the precision engineering company announced a series of new multi-year contract awards to supply liquid cooling components for

[Colocation Pricing in 2026: Rack, Cabinet & Data](#)

Navigate the complexities of colocation pricing with our comprehensive guide. Uncover factors of colocation costs to get the best deal.

[Data Center Rack Market Size](#)

Liquid-ready racks cost 20–35% more than air-only frames because they bundle manifolds, drip-less couplings, sensors, and heavier doors. While

AI Rack Density in 2026: How to Power and Cool the New 50kW+ Data ...

How to power, cool, and build out the new 50kW+ AI data center rack in 2026. Three-phase PDUs, liquid cooling, UPS sizing, structured cabling, and what it costs to support AI workloads.

Why NN (NNBR) Is Up 24.7% After Pre-Selling New NVIDIA Liquid

In late June 2026, NN, Inc. announced a major expansion of its liquid cooling production for NVIDIA AI data center racks, adding 47 new machine centers in its Wuxi, China plant with 100% of

Server Racks Online: Server Cabinets & Rack Accessories

Featured Products New Vertiv Vertiv™ Rack Extreme High-Density Server Rack Cabinet for AI, HPC & Modern Data Centers \$6,424.00 -

Rack-Scale Agentic AI Supercomputer | NVIDIA Vera

Vera Rubin NVL72 is built on the third-generation NVIDIA MGX™ NVL72 rack design, offering a seamless transition from prior generations. It delivers AI

SMCI Stock Gains Most In Nearly 2 Months On New Vera Rubin Racks ...

Super Micro unveiled a new Data Center Building Block Solutions (DCBBS) Blueprint for high-performance computing (HPC) based on Nvidia's Vera Rubin NVL4 platform at the ISC

South Korea Colocation Data Center Portfolio Report 2026: Detailed ...

Explore the comprehensive South Korea data center market database in Excel, offering in-depth analysis of 59 existing and 40 upcoming colocation data centers across locations including

Microsoft racks up over \$500 million in AI savings while

Microsoft saved more than \$500 million in its call centers alone last year by using artificial intelligence, Bloomberg News reported on Wednesday.

NVIDIA Blackwell \$30K GPU Destroys \$300K Cards

NVIDIA's Blackwell family – the B200, the Blackwell Ultra B300, and the rack-scale DGX B300 system – sits at the center of AI infrastructure

Data Center Power Crisis 2026: The Grid Bottleneck

In 2026, the data center power crisis peaks. Grid scarcity, not hardware, is the top supply chain risk. Discover the winning strategies to secure power now.

IBM Launches Compact z17 and LinuxONE Systems to Address Data Center ...

Enterprises can use IBM z17 and LinuxONE 5 rack mount and single frame systems to address these challenges, optimizing their data center real estate to meet today's realities.

Data Center Rack Market Report: Size, Growth, Trends

As data centre construction costs have escalated to over \$11 million per megawatt in 2026, the cost of specialized racking systems represents a growing portion of the

Server Racks

Shop server racks, network cabinets, wall mount racks, and open frame racks for data centers, IT rooms, and AV installations. Fast shipping and expert support.

QuoteColo

Best-fit data center matches based on your requirements and direct introductions to the right reps. Tell us your specs (kW, racks,

Data Center Colocation Pricing: 2026 Cost Per Rack & kW

What data center colocation costs in 2026, priced per rack, per kW, and per cabinet. Compare retail vs wholesale rates so you know if a quote is fair

Cabinet, Enclosure & Open Frame Rack Systems

Cabinet, Enclosure & Open Frame Rack Systems Our vast selection of cabinets, thermal management, racks, enclosures for data centers, telecommunications

Data Center Racks Tracker - 2024 Omdia

The 19-inch racks will be renamed as EIA-310 Rack Enclosures. Upon receiving material information on the high adoption of ORV3 and OCP-inspired racks from the industry, Omdia has

The future of AI infrastructure may depend on warmer

Rack densities that once stretched the limits at 150 kW are now the baseline, with many new deployments exceeding 200 kW per rack and

Data Center Rack Market Size to Hit USD 10.95 Billion

The global data center rack market size was evaluated at USD

Supermicro (SMCI) Joins Nvidia Vera Rubin Launch With Liquid

The new liquid cooled data center rack solutions fit the company's Data Center Building Block Solutions approach, where customers can order pre engineered clusters rather than

VanEck Data Center Supply Chain ETF (RACK) Stock

Find the latest VanEck Data Center Supply Chain ETF (RACK) stock quote, history, news and other vital information to help you with your stock trading and investing.

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