

Analysis of Data Center Rack Prices



AI Overview

Data center rack prices are rising due to high-density, AI-optimized, and modular designs, with global market growth projected at 8–13% CAGR through 2030. Market Overview The global data center rack market is expanding rapidly, with estimates ranging from USD 5.17 billion in 2025 to USD 9.42 billion by 2030, reflecting a CAGR of 12.7% driven by hyperscale, colocation, and edge data center growth. Other analyses report similar growth, with projections from USD 4.2–5.0 billion in 2024 to USD 7.3–9.2 billion by 2032, at CAGRs between 7.9% and 12.2%. This growth is fueled by the increasing deployment of AI workloads, cloud-native applications, and high-density compute environments. Price Drivers Rack Type and Density: High-density racks capable of supporting GPU-intensive workloads and power densities exceeding 1MW command higher prices than standard 42U or open-frame racks. AI-optimized racks with liquid cooling or immersion cooling are particularly expensive due to advanced thermal management requirements. Modular and Intelligent Systems: Modern racks integrate sensors for real-time monitoring, power distribution units (PDUs), and cable management, increasing both upfront costs and operational efficiency. Modular designs allow scalability but add to initial investment. Regional Variations: North America dominates the market with a 33% share in 2026, reflecting high hyperscale data center activity and premium pricing for advanced racks. Asia-Pacific is the fastest-growing region, driven by AI infrastructure and digital transformation, which may lead to higher prices in emerging markets due to demand for cutting-edge solutions. Europe and Latin America show moderate growth, with prices influenced by local manufacturing and import costs. Services and Maintenance: Installation, integration, and maintenance services are increasingly bundled with rack purchases, particularly for hyperscale and colocation deployments, adding to total cost. Market Trends Affecting Prices Shift to AI-Optimized Racks: Trad...

Article Content

Data Center Rack PDU

Report Scope This report aims to provide a comprehensive presentation of the global market for Data Center Rack PDU, focusing on the total sales volume, sales revenue, price, key companies market

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Data Center Racks Market Analysis – 2025 Omdia

Analyzes updates from the Data Center Racks Market Tracker report, including forecasts and vendor shares. Uses 2024 as a base year and provides forecasts to 2030.

Data Center Rack Power Costs: A Condensed Analysis | Nlyte

This article provides a condensed analysis of these costs, key efficiency metrics, and optimization strategies. Understanding Data Center Rack Power Consumption Data center power

Data Center Rack Market Report, Industry and Market Size

The Global Data Center Rack Market to grow at an 8.3% CAGR, expanding from USD 4.2 billion in 2024 to USD 7.3 billion by 2030, driven by hyperscale data centers, cloud computing expansion, high

Data Center Rack Market Size

The Data Center Rack Market worth USD 3.24 billion in 2026 is growing at a CAGR of 10.74% to reach USD 5.41 billion by 2031. Schneider Electric SE, Vertiv Group Corp., Eaton Corp.

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 before you sign.

Singapore Colocation Data Center Portfolio Analysis Report 2025

Explore Singapore's dynamic data center market with our comprehensive database analysis. Delve into detailed insights of 44 existing and 6 upcoming data centers across Eastern,

Two-Phase D2C Cooling in Data Center Thermal Management Cost Analysis ...

Cost analysis of cooling components. Source: IDTechEx, Thermal Management for Data Centers 2026-2036 Two-Phase D2C Cooling: Heat Flow Beyond the Rack The second chart

Data Center Rack Market Share & Analysis 2026-2033

The global data center rack market is expected to grow from USD 1.90 Bn in 2026 to USD 3.75 Bn by 2033, registering a compound annual growth rate (CAGR) of 9% from 2026 to 2033.

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Discover comprehensive insights into the Belgium data center market with our Excel database, featuring an in-depth analysis of 35 existing and 4 upcoming data centers. Key locations

Data Centre Cabinets Rack Market Size, Growth Drivers 2035

As data centers evolve to meet higher-density installations, the demand for both established and emerging height options continues to rise, illustrating the dynamic nature of the Data

VanEck Data Center Supply Chain ETF (RACK) Price, Quote, News ...

A high-level overview of VanEck Data Center Supply Chain ETF (RACK). Stay up to date on the latest price, chart, news, analysis, fundamentals, trading and investment tools.

AI Datacenter Liquid Cooling Market | Global Market Analysis Report

Analyst Opinion The AI datacenter liquid cooling market is transitioning from a supplementary infrastructure category to a core requirement for any facility supporting GPU-intensive

Global Data Center Rack Market Research Report, Competitive,

This report studies the market size, price trends and future development prospects of Data Center Rack.

2026 Agentic AI Wave: CPU Shortage and GPU Ratio

On March 16th 2026, NVIDIA used GTC to debut the first standalone Vera CPU Rack for sale. On March 25th, Arm announced its own Arm AGI CPU

Data Center Rack Power Distribution Unit (PDU) Market Size & Share ...

Data Center Rack Power Distribution Unit (PDU) Market Analysis by Mordor Intelligence The data center rack power distribution unit (PDU) market size is expected to increase from USD

Global Data Center Rack Competitive Landscape Professional

This report studies the market size, price trends and future development prospects of Data Center Rack.

RACK ETF Stock Price & Overview

Get a real-time stock price for the RACK ETF (VanEck Data Center Supply Chain ETF) with an overview of various metrics and statistics.

Data Center Rack Market Report 2025-2030, By Rack Type, Geo, Tech

Data Center Rack Market Overview, Industry Share and ForecastData Center Rack Market Growth DynamicsData Center Rack CompaniesRecent DevelopmentsThe global Data Centre Rack Market size as per revenue was worth approximately \$4.4 billion in 2022 and is poised to generate a revenue around \$6.6 billion by the end of 2027, projecting a CAGR of 8.7%. Factors driving the data center rack market growth include adoption of durable racks, surge in deployment in colocation or data center whitespace f...See more on marketsandmarkets Ken Research

Global Data Center Rack Market Growth & Forecast to 2030

The global data center rack market, valued at USD 5.73 billion, is driven by the rapid growth of cloud computing, the increasing number of hyperscale data centers, and the growing demand for advanced

Data Center Liquid Cooling Market Size Report, 2026

Data Center Liquid Cooling Market Summary The global data center liquid cooling market size was valued at USD 6.7 billion in 2025 and is projected to grow from USD 8.2 billion in 2026 to USD 29.5

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Top AI Data Center Stocks 2026: The Ultimate Playbook

Discover the best AI data center stocks for 2026. Learn why power rights, liquid cooling, and EV/MW valuation matter more than hype in this analysis.

Contact Us

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