

24.5% CAGR: Hyperscale Data Center Market to Hit \$1,441.49 Billion by 2034

The growing requirement for disaster recuperation and business continuity is driving the market demand.

NEW YORK CITY, NY, UNITED STATES, February 27, 2025 /EINPresswire.com/ -- Our [hyperscale data center market](#) report has been prepared using advanced methodologies and research techniques to help businesses make strategic business decisions.

Global hyperscale data center market size and share are currently valued at USD 161.98 billion in 2024 and are anticipated to generate an estimated revenue of USD 1,441.49 billion by 2034, according to the latest study by Polaris Market Research. Besides, the report notes that the market exhibits a robust Compound Annual Growth Rate (CAGR) of 24.5% over the forecasted time frame, 2025-2034.

□□□□□□ □□□□□□□□□□□□□□:

Dissimilar to a lot of IT parlance, hyperscale is self-descriptive. Its data center and networking

“

Hyperscale data center market USD 1441.49 billion by 2034 at a 24.5% CAGR boosting processing and storage.”

Polaris Market Research

functioning outlined an impetus built for a huge compute and data repository with accelerated connectivity maximized for global congestion. Hyperscale data center is massive not only in data potential but also power consumption. A solitary hyperscale site can take in aggregate 50MW yearly and there are approximates of global power intake that can reach 200 TeraWatt-hours yearly.



Hyperscale Data Center Market

Hyperscale facilities are actually just supercharged outsourced data centers with practically unrestricted scalability. The simplicity in which contemporary services can be installed, or firms of any size is a prominent business advantage accountable for growth and influence. A report by WEF in January 2024 expressed that there are roughly 2220 cyber assaults every day, which is associated with more than 800,000 attacks yearly, underscoring the immediate requirement for robust hyperscale data centers to ascertain data safety, flexibility, and continuous functions in the face of escalating digital menaces is pushing the hyperscale data center market demand.

For more information, visit the following link:

https://www.polarismarketresearch.com/industry-analysis/hyperscale-data-center-market/request-for-sample?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

Key players in the hyperscale data center market include:

- ABB
- Adani Group
- Amazon Web Services, Inc.
- Arista Networks, Inc.
- Cisco Systems, Inc.
- Dell Inc.
- Eaton.
- Google
- Hewlett Packard Enterprise Development LP
- IBM Corporation
- Microsoft
- NVIDIA Corporation
- Oracle
- Quanta Cloud Technology
- Vertiv Group Corp.

By power capacity, the 10-50 MW and 51-100 MW drive growth in hyperscale data centers.

By component, the hardware segment led the hyperscale data center market. The prominent reason is its important role in elevated presentation computing framework in reinforcing extensive scale data processing and storage. Hyperscale potential requires progressive servers, networking instruments, and power-handling solutions to manage the growing demand for cloud services, AI, and big data analytics.

By deployment type, the greenfield segment is projected to expand at a high CAGR driven by growing demand for motive-structured, energy-efficient spaces. Firms are funding greenfield projects to support the most recent progressions in cooling technologies, modular frameworks, and green energy solutions.

Request for Discount Pricing: https://www.polarismarketresearch.com/industry-analysis/hyperscale-data-center-market/request-for-discount-pricing?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

https://www.polarismarketresearch.com/industry-analysis/hyperscale-data-center-market/request-for-discount-pricing?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

Request for Discount Pricing:

- Growing Acquisition of Multi-Cloud: Firms are capitalizing multi-cloud architectures to circumvent vendor lock-in, maximize presentation, and ascertain administrative conformity covering varied regions as firms growingly disseminate workloads covering manifold cloud ambiance to enhance safety, flexibility, and economy, boosting the demand for hyperscale data center market growth.
- Technological Progressions: The speedy amalgamation of AI, IoT, and big data analytics entails elevated compute power, low latency processing, and adjustable storage solutions as enterprises streamline their AI framework to reinforce developing business models and data-propelled administration.
- Escalated Disbursement on Technology: Growing disbursement on hyperscale data center technology is speeding market growth as firms and cloud service donors categorize progressive computing potential to reinforce data-intensive applications. The growing acquisition of AI, big data analytics, and edge computing is forcing firms to enhance their framework with elevated presentation servers, energy-efficient cooling, and network automation.

Request for Discount Pricing:

North America leads the hyperscale data center market, while Asia Pacific sees rapid growth.

North America dominated the market, driven by the robust existence of spearheading cloud service donors, technology organizations, and data center operators. The region profits from an entrenched digital ecosystem, elevated funding in AI and cloud computing, and escalated demand for elevated presentation framework. Further, America's string network connectivity, obtainability of skilled workforce, and approved administrative ambiance reinforce market augmentation.

Asia Pacific is the fastest-growing region fuelled by speedy digitalization, growing internet reach, and augmentation of cloud computing services. The region is encountering sizeable funding in hyperscale framework to reinforce the growing acquisition of AI, big data analytics and IoT applications.

Request for Discount Pricing: https://www.polarismarketresearch.com/industry-analysis/hyperscale-data-center-market/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

https://www.polarismarketresearch.com/industry-analysis/hyperscale-data-center-market/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

□□□□:

What are the key factors driving the hyperscale data center market?

The key factors driving the market are the growing acquisition of multi-cloud and digital transformation capabilities.

What will be the value of the hyperscale data center market during 2025-2034?

The market size was valued at USD 161.98 billion in 2024 and is projected to grow to USD 1,441.49 billion by 2034.

Which region will make notable contributions towards global market revenue?

North America will make notable contributions towards global market revenue.

What are the key players in the market growth?

The key players in the market growth are ABB; Adani Group; Amazon Web Services, Inc.; Arista Networks, Inc.; Cisco Systems, Inc.; Dell Inc.; Eaton; Google; Hewlett Packard Enterprise Development LP; IBM Corporation; Microsoft; NVIDIA Corporation; Oracle; Quanta Cloud Technology; and Vertiv Group Corp.

□□□□□□ □□□□ □□□□□□□□ □□□□□□□□:

Robotic Process Automation (RPA) Market:

<https://www.polarismarketresearch.com/industry-analysis/robotic-process-automation-market>

Blockchain Technology Market:

<https://www.polarismarketresearch.com/industry-analysis/blockchain-technology-market>

Precision Farming Market:

<https://www.polarismarketresearch.com/industry-analysis/precision-farming-market>

Vertical Farming Market:

<https://www.polarismarketresearch.com/industry-analysis/vertical-farming-market>

Eyewear Market:

<https://www.polarismarketresearch.com/industry-analysis/eyewear-market>

□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□ & □□□□□□□□□□□□, □□□:

Polaris Market Research is a global market research and consulting company. The company specializes in providing exceptional market intelligence and in-depth business research services for PMR's clientele spread across different enterprises. We at Polaris are obliged to serve PMR's diverse customer base present across the industries of healthcare, technology, semiconductors, and chemicals among various other industries present around the world. We strive to provide PMR's customers with updated information on innovative technologies, high-growth markets, emerging business environments, and the latest business-centric applications, thereby helping

them always to make informed decisions and leverage new opportunities. Adept with a highly competent, experienced, and extremely qualified team of experts comprising SMEs, analysts, and consultants, we at Polaris endeavor to deliver value-added business solutions to PMR's customers.

Likhil G

Polaris Market Research and Consulting

+1 929-297-9727

sales@polarismarketresearch.com

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/789685819>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.