

# **Hyper-Converged Infrastructure Market Size, Share, and Analysis, By Component (Hardware and Software), By Application (Remote Office/Branch Office, Virtual Desktop Infrastructure, Data Center Consolidation, Data Protection & Disaster Recovery, and Others), By End-User (BFSI, IT & Telecom, Manufacturing, Government, Healthcare, and Others), By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034**

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## **Abstracts**

Hyper-Converged Infrastructure Market Size, Share, and Analysis, By Component (Hardware and Software), By Application (Remote Office/Branch Office, Virtual Desktop Infrastructure, Data Center Consolidation, Data Protection & Disaster Recovery, and Others), By End-User (BFSI, IT & Telecom, Manufacturing, Government, Healthcare, and Others), By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034

## **PRODUCT OVERVIEW**

Hyper Converged Infrastructure Market is projected to exhibit a Compound Annual Growth Rate (CAGR) of 27% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 27.3 billion and is projected to reach USD 380.8 billion by the completion of 2034.

Hyper-converged infrastructure, or HCI, is a data center management solution that brings storage, networking, and virtualization resources into a single platform. It

combines various components into a single software-defined system, that reduces deployment and management complications. This convergence improves scalability and utilization of resources, as companies can simply expand their infrastructure by adding modular nodes to suit evolving workload demands. In addition, hyper-converged infrastructure provides centralized management solutions that simplify the management and distribution of resources. These solutions are software-defined and provide hardware abstraction, which improves the efficiency and performance of data centers through hyper-converged infrastructure. Therefore, hyper-converged infrastructure has grown in popularity across contemporary IT systems, owing to its capacity to improve flexibility and operations.

## MARKET HIGHLIGHTS

Hyper Converged Infrastructure Market is expected to reach USD 380.8 billion during the forecast period, due to the growing adoption of hyper-converged infrastructure solutions for efficient management of data centers. The significant growth in the hyper-converged infrastructure market is driven by the demand for smooth IT operations. In addition, HCI helps in integrating the process of storage, networking, and virtualization into a unified platform, thereby reducing complications and improving business efficiency. Furthermore, major industry players are investing in research and development initiatives to introduce innovative features and address evolving customer requirements. Besides, the integration of hyper-converged infrastructure with emerging technologies like artificial intelligence and edge computing is expected to propel the growth of the hyper-converged infrastructure market. Therefore, HCI has emerged as a critical component of modern IT infrastructure strategies as it provides a variety of tools required to adapt to changing technological environments.

### Hyper-Converged Infrastructure Market Segments:

By Component

Hardware

Software

By Application

Remote Office/Branch Office

Virtual Desktop Infrastructure

Data Center Consolidation

Data Protection & Disaster Recovery

Others

By End-User

BFSI

IT & Telecom

Manufacturing

Government

Healthcare

Others

## MARKET DYNAMICS

### Growth Drivers

High Adoption of Hyper-Converged Infrastructure is Expected to Foster Market Expansion

Innovations in Technology Will Aid in the Adoption of Hyper-Converged Infrastructure Solutions

### Restraint

Complexity in Migration Can Limit the Growth of the Hyper-Converged Infrastructure Market

## Key Players

Dell Technologies

Nutanix

VMware

Hewlett Packard Enterprise (HPE)

Cisco Systems

NetApp

Lenovo

Huawei Technologies

Microsoft Corporation

IBM Corporation

Fujitsu Limited

Super Micro Computer, Inc.

Pivot3

Scale Computing

DataCore Software

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

#### Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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