

Composable Infrastructure Market Size, Share & Trends Analysis Report By Component, By End-use, By Region, And Segment Forecasts, 2022 - 2030

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Abstracts

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Composable Infrastructure Market Growth & Trends

The global composable infrastructure market size is expected to reach USD 101.92 billion by 2030, expanding at a CAGR of 50.4% from 2022 to 2030, as per a new report by Grand View Research, Inc. The heightened customer expectations, the high adoption rate of virtualization, and increasing investments in digital transformation (from traditional infrastructure to new infrastructure) by enterprises are supporting the growth of composable infrastructure during the forecast period.

Organizations can benefit from composable infrastructure in several ways, including enhanced operational efficiency, reduced capital expenditure, agile framework, and automation, among others. All these factors are augmenting the growth of this market. With composable infrastructure, all Information Technology (IT) essentials can be managed from a single location, eliminating the need to add hardware separately.

Several organizations focus on finding intelligent ways to utilize their resources, allowing firms to pool their compute, storage, and interconnect resources. However, they have to strive hard to find skilled IT professionals and other IT solutions that provide similar control and visibility as their on-premises solutions. These factors are hindering the market growth. However, the emergence of the hybrid cloud and the increasing investments in data center technologies are providing an opportunity for overall market growth.

Composable systems can offer on-demand deployment through preferred templates, better use of IT personnel, and faster innovation of applications. These developments in composable infrastructures are expected to boost the market during the forecast period. The reduced price of solid-state drivers and the introduction of new technologies, such as 5D memory crystals, are driving investment in storage resources by organizations. Besides, every industry vertical in today's time is collecting massive amounts of data to deliver a better customer experience; thus, proper management and security of data become vital for organizations.

The spread of smart devices and 5G networks are pushing IT & telecom companies to invest in composable infrastructure. Composable infrastructure allows organizations to support existing, traditional applications while benefiting from newer application development techniques such as continuous delivery (to produce software in short cycles). These factors will supplement the growth of the market during the forecast period.

Composable Infrastructure Market Report Highlight

The hardware segment accounted for the dominant market share of around 82% in 2021. The segment growth can be attributed to the growing number of enterprise applications and dynamic hardware requirements to make the IT infrastructure more scalable

The BFSI sector is expected to advance at a significant CAGR of 51.0% during the forecast period. The segment growth can be attributed to the increased digital transactions, heightened customer expectations, and the need to eliminate application downtime

The North American market size is expected to reach USD 36,180.4 million by 2030. The region has a strong demand for composable infrastructure due to growing data center consolidation and DevOps practice. Furthermore, countries such as the U.S. and Canada have a well-established IT infrastructure that is required for composable infrastructure; these factors are supplementing the regional market growth

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