

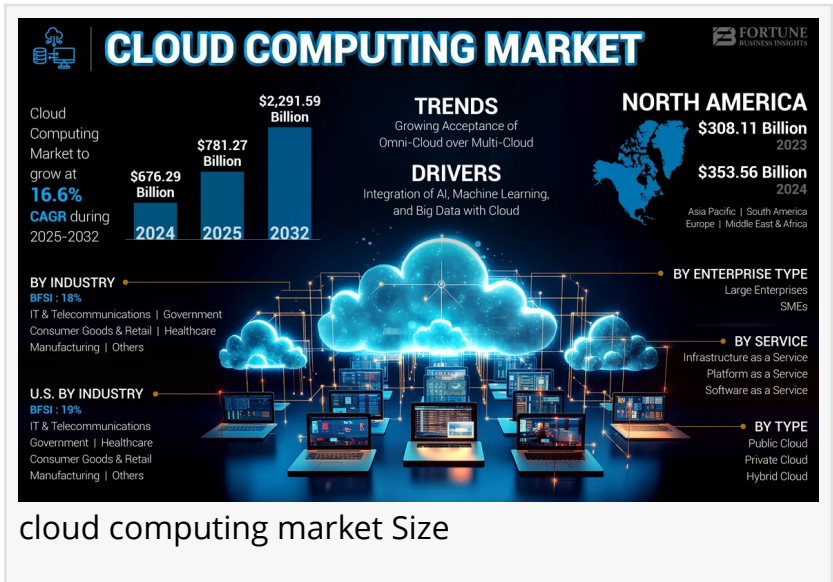
Global Cloud Computing Market Poised for Exponential Growth, Reaching USD 2,291.59 billion by 2032

The global cloud computing market is valued at USD 676.29 billion in 2024 and is expected to reach USD 2,291.59 billion by 2032, growing at a CAGR of 16.62%.

PUNE, MAHARASHTRA, INDIA,
September 23, 2025 /

EINPresswire.com/ -- The global [cloud computing market](#) is experiencing remarkable expansion, positioning itself as one of the fastest-growing technology sectors in the digital economy. The global cloud computing market size was valued at USD 676.29

billion in 2024 and is projected to grow from USD 781.27 billion in 2025 to USD 2,291.59 billion by 2032, exhibiting a CAGR of 16.62% during the forecast period.



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Fortune Business Insights

North America dominated the cloud computing market with a market share of 52.27% in 2024. This regional leadership stems from early adoption of cutting-edge technologies including artificial intelligence, blockchain, robotics, and Internet of Things (IoT). The presence of industry giants such as IBM Corporation, Oracle Corporation, and Microsoft Corporation further

strengthens North America's market position.

The United States specifically represents a significant portion of this growth, with the market standing at USD 248.46 billion in 2025. Europe follows as the second-largest market, estimated at USD 177.14 billion in 2025, driven by government initiatives and increased private sector investments in cloud infrastructure.

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The integration of advanced technologies is reshaping the cloud computing landscape. The growing adoption of Artificial Intelligence (AI), big data, Machine Learning (ML), and other emerging technologies is anticipated to drive market growth. Major service providers including Google, Amazon, and Microsoft continue implementing artificial intelligence to enhance efficiency and reduce costs in cloud services.

Generative AI capabilities across cloud infrastructure represent a particularly promising growth opportunity. These technologies enable enterprises to improve threat detection, data augmentation, cybersecurity, and operational efficiency while supporting end-to-end AI-driven workflows that optimize business processes.

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The market demonstrates diverse service offerings across multiple segments. The Software as a Service (SaaS) segment held the highest market share in 2024, due to its ease of deployment, lesser maintenance costs, and low cost of possession. However, Infrastructure as a Service (IaaS) is projected to experience the highest growth rate during the forecast period, driven by its ability to minimize initial investment costs and eliminate the need for onsite data centers.

The public cloud segment accounted for the highest market share of 57% in 2024 driven by the rising demand for secure, scalable, and cost-efficient solutions. Meanwhile, the hybrid cloud segment is predicted to record significant growth due to its unique advantages combining both private and public cloud benefits.

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Small and medium enterprises (SMEs) are emerging as a crucial growth driver in the cloud computing market. The SMEs segment is projected to display the highest CAGR of 18.78% during the forecast period as cloud technology has revolutionized the operations of small and medium-sized enterprises. Cloud technology helps SMEs reduce spending on expensive hardware and software through flexible payment models, including pay-as-you-go options.

Large enterprises continue to maintain a substantial market presence, accounting for 52% of the market share in 2025, leveraging cloud technology to enhance operational efficiency and achieve better scalability.

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The IT and telecommunications segment holds the largest market share of 25% in 2025 due to the rising popularity of cloud-powered computing solutions in different organizations. This technology enables telecommunications providers to store and calculate customer data, build cloud data warehouses, and manage various cloud-based services effectively. The healthcare segment presents exceptional growth potential, projected to record the highest CAGR of 19.04% during the forecast period. This growth is attributed to increased deployment of mobile applications, cloud-based software, wearable healthcare tools, and smart healthcare apparatus.

Cloud computing market is expected to witness significant growth during the forecast period.

Despite robust growth prospects, the market faces significant challenges related to data privacy and security concerns. Cybercrimes including cloud malware injection, service hijacking, and various cyberattacks pose substantial threats to market expansion. These security issues can expose critical company data, resulting in financial losses and operational disruptions that potentially restrain market progress.

Cloud computing market is expected to witness significant growth during the forecast period.

The growing acceptance of omni-cloud platforms over traditional multi-cloud solutions represents a significant market trend. Omni-cloud platforms offer upgraded connection facilities, enabling data rationalization and integration across different platforms while achieving greater precision in data management and improved operational efficiency. Asia Pacific emerges as a region with tremendous growth potential, expected to dominate the global market with the highest CAGR during the forecast period. This growth is driven by rising demand for cloud-based solutions in telecommunications and healthcare sectors, with China, India, and Japan representing key growth markets within the region.

Cloud computing market is expected to witness significant growth during the forecast period.

Key market players are focusing on research and development activities to develop comprehensive cloud computing offerings. Major companies including Amazon Web Services, Microsoft Corporation, Google LLC, and IBM Corporation are investing heavily in advanced solutions to strengthen their market positions. Recent investments, such as Microsoft's USD 3 billion investment in AI and cloud computing in India in January 2025, demonstrate the industry's commitment to sustained growth and innovation. The cloud computing market's trajectory reflects the broader digital transformation occurring across industries worldwide, with organizations increasingly adopting cloud solutions to enhance operational efficiency, reduce costs, and enable scalable growth in an increasingly connected global economy.

Cloud computing market is expected to witness significant growth during the forecast period.

[Digital Transformation Market Size](#), Share & Growth, 2032

[Machine Learning Market Size](#), Share & Growth, 2032

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