

## **Cloud Computing Technologies: A Global Outlook**

Market Research Report | 2025-05-30 | 150 pages | BCC Research

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### **Report description:**

#### Description

#### Report Scope

This report provides an overview of the global cloud computing market and analyzes market trends. It considers 2024 the base year, and the market values are forecasted for five years from 2025 through 2030. The report covers qualitative and quantitative information for cloud computing market segments such as service model, deployment model, enterprise size, and end user. The study also covers an in-depth regional analysis of the Americas, Europe, Asia-Pacific, and the Middle East and Africa (MEA). The report covers emerging technologies and developments, along with macroeconomic factors. Apart from this, leading companies are identified with their market share and relevant developments. All market values are in U.S. dollars (\$ billions).

#### Report Includes

- 56 data tables and 48 additional tables
- Analyses of the trends in global markets for cloud computing technologies, with revenue data from 2024, estimates for 2025, forecasts for 2026 and 2029, and projected CAGRs through 2030
- Estimates of the size and revenue prospects for the global market, along with a market share analysis by service model, deployment type, size of enterprise, end-user industry, and region
- Facts and figures pertaining to the current market dynamics, technological trends and advances, regulations, and the impact of macro-economic factors
- Insights derived from the Porter's Five Forces model, as well as global supply chain and PESTLE analyses
- Overview of the sustainability trends and ESG developments in the industry, with emphasis on the ESG practices followed by leading companies, their ESG ratings, and consumer attitudes
- A review of patent activity and key patent grants
- Emerging technologies in cloud computing, as well as applications and new developments
- Analysis of the industry structure, including companies' market shares, strategic alliances, M&A activity, venture fundings and investment outlook

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- Profiles of the leading companies, including Amazon Web Services Inc., Microsoft, Google Inc., Oracle Corp., and IBM (International Business Machines Corp.)

## Executive Summary

### Summary:

The global cloud computing market is expected to grow from \$738.2 billion in 2025 and is projected to reach \$1.6 trillion by the end of 2030, at a compound annual growth rate (CAGR) of 17.2% during the forecast period of 2025 to 2030.

Cloud computing, which serves as a gateway to a wide range of transformative technologies, facilitates the adoption of artificial intelligence (AI), the internet of things (IoT), blockchain technology, and quantum computing. Eliminating the requirement for direct infrastructure investments promotes flexible experimentation and enables businesses to research innovative technologies quickly and assess any potential benefits. Among the cloud providers that offer AI technologies for natural language processing, analytics, and automation are Amazon Web Services Inc. (AWS), Google Cloud, and Azure.

Each of the cloud system levels, from the server level to the customer service level, will include pervasive AI. AI algorithms will aid in predictive analysis, preventing potential infrastructure issues, managing workload, and reducing the automation of repetitive jobs. This will result in more effectively run operations and reduce the need for human intervention in cloud environment management. AI and machine learning (ML) also lead to better data management and analytics. Businesses of all sizes can now more easily use AI/ML thanks to cloud-based services. Businesses can gain insights from massive volumes of data stored in cloud settings by integrating these technologies

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