

Edge Computing Market Forecast to 2030: Analysis of Market Size, Growth Rate, Trends, and Projections

The Business Research Company's Edge Computing Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

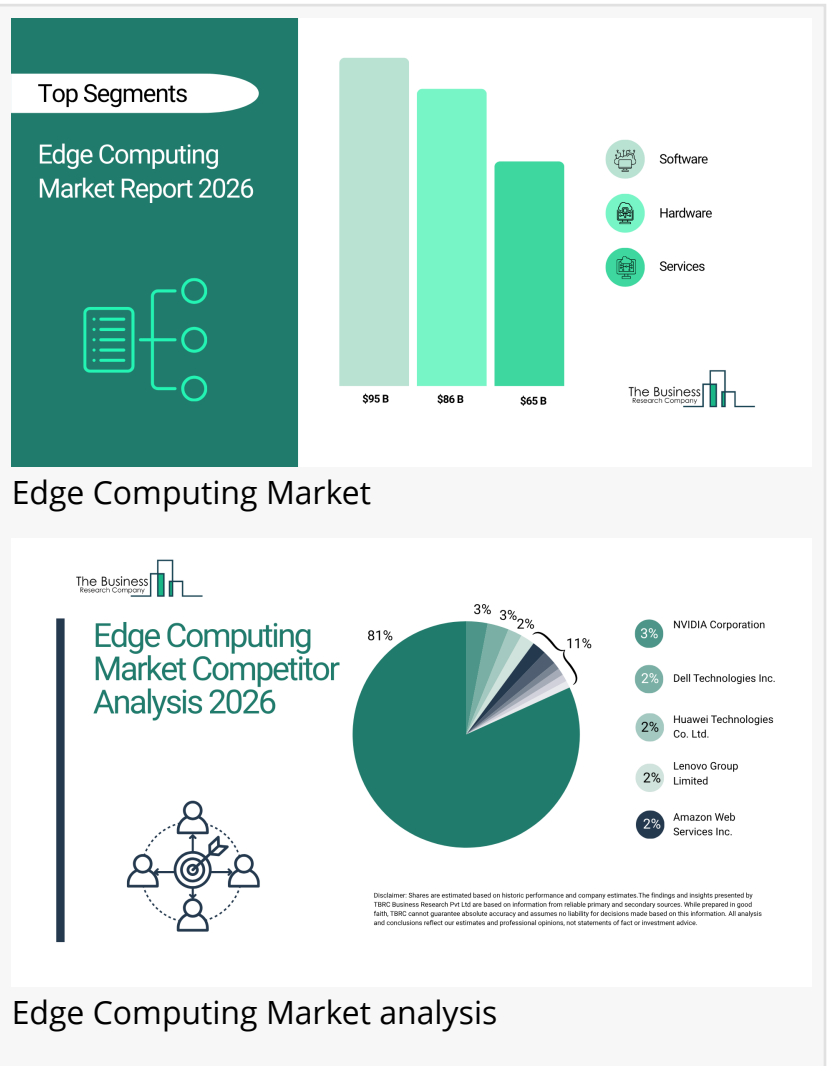
LONDON, GREATER LONDON, UNITED KINGDOM, October 26, 2026 /EINPresswire.com/ -- The [edge computing market](#) is rapidly evolving, driven by technological advancements and increasing demand for localized data processing. As industries embrace digital transformation, edge computing stands out as a vital component in managing vast data volumes efficiently and enabling real-time analytics. Let's explore the market's size, growth drivers, key players, and emerging opportunities shaping its future trajectory.

Market Value and Growth Outlook for the Edge Computing Market

The edge computing market is projected to exceed \$245 billion by 2030. When compared to its broader parent market, Infrastructure As A Service (IaaS), which is anticipated to reach around \$330 billion by the same year, edge computing is expected to constitute roughly 74% of this segment. Within the expansive Information Technology sector, estimated to be worth \$13,788 billion by 2030, edge computing will represent close to 2% of the total market value.

Request A Free Sample Of The Edge Computing Market Report

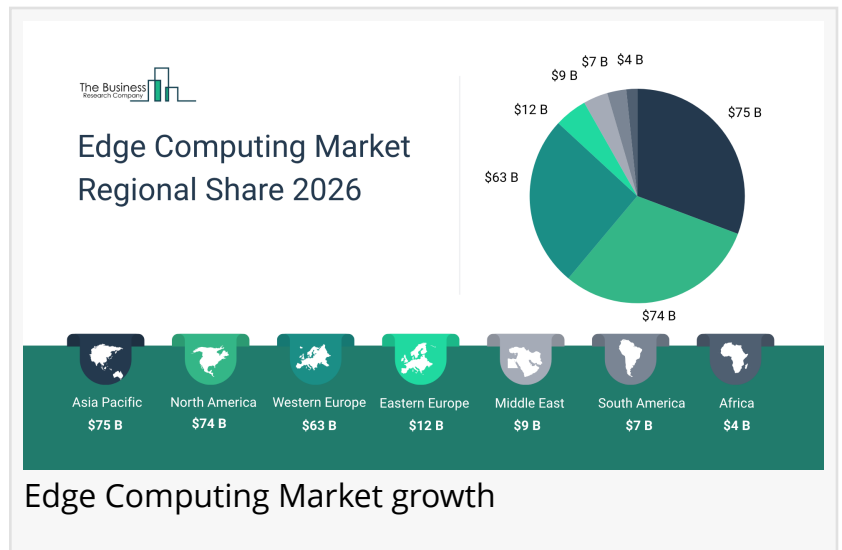
https://thebusinessresearchcompany.com/sample_request?id=32791593&type=smp&name=Edg



[e%20Computing%20Market%20Report%202026&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct PR](https://thebusinessresearchcompany.com/report/edge-computing-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR)

Asia-Pacific Poised to Lead the Edge Computing Market by 2030

By 2030, Asia-Pacific will emerge as the largest regional player in the edge computing market, valued at \$75 billion. The market is expected to expand from \$13 billion in 2025 at a strong compound annual growth rate (CAGR) of 42%. This rapid growth stems from multiple factors including the swift rollout of 5G networks, accelerated adoption of industrial IoT and smart manufacturing technologies, increasing establishment of edge-enabled data centers in developing economies, substantial investments in AI-driven real-time data processing, and strong governmental support for digital transformation and smart city initiatives throughout the region.



The United States to Hold a Leading Position in the Global Edge Computing Market

In 2030, the United States is forecasted to be the largest single country market for edge computing, valued at \$67 billion. Starting from \$12 billion in 2025, it is expected to grow at a CAGR of 40%. This surge is largely due to widespread adoption of low-latency computing solutions across enterprise workloads, increasing deployment of autonomous systems and connected intelligent devices, heavy investments by hyperscale cloud providers in distributed computing infrastructure, rising demand for secure local data handling in regulated sectors, and continuous innovations in AI-enabled edge platforms supporting mission-critical applications.

Access The Detailed Edge Computing Market Report Here

[https://thebusinessresearchcompany.com/report/edge-computing-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct PR](https://thebusinessresearchcompany.com/report/edge-computing-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR)

Software Segment to Dominate Edge Computing Market Components by 2030

Breaking down the edge computing market by components—hardware, software, and services—the software segment is projected to be the largest, comprising 39% of the market or \$95 billion in 2030. Growth in software will be fueled by increased use of edge orchestration and workload management tools, rising demand for AI and machine learning inference at the edge, expansion of containerized and cloud-native applications, heightened need for cybersecurity and device management solutions in distributed environments, and ongoing advancements in analytics software that facilitate real-time decision-making across connected edge ecosystems.

Technological and Organizational Segmentation in Edge Computing

The edge computing market is categorized by technology into mobile edge computing and fog

computing. It is also segmented by organization size, distinguishing between small and medium-sized enterprises and large enterprises. Application areas include connected cars, smart grids, critical infrastructure monitoring, traffic management, environmental monitoring, augmented reality, asset tracking, and security and surveillance. Major end-users span industries such as financial and banking, retail, healthcare and life sciences, industrial sectors, energy and utilities, telecommunications, and others.

Anticipated CAGR and Growth Drivers for the Edge Computing Market by 2030

The edge computing market is expected to grow at a CAGR of 40% leading up to 2030. Several key factors will drive this expansion. Firstly, the rapid proliferation of IoT devices and connected ecosystems will be a significant growth catalyst. Billions of sensors, industrial machines, consumer gadgets, and smart infrastructure systems produce enormous data volumes that require efficient local processing. Edge computing enables data processing closer to its source, reducing network congestion, optimizing bandwidth, and enhancing operational efficiency across distributed settings. Enterprises are increasingly installing edge infrastructure to support large-scale IoT deployments and ensure consistent system performance. The booming adoption of IoT across various industries is likely to contribute around 2.0% annual growth to the market.

Rising demand for real-time data processing and analytics is another crucial factor propelling edge computing's growth. Organizations are deploying latency-sensitive applications that need immediate insights to maintain critical operations and enhance customer services. Edge computing facilitates quicker workload execution by limiting reliance on distant cloud centers and delivering near-instantaneous data processing capabilities. The increasing digitalization of industrial processes, enterprise networks, and intelligent infrastructure further promotes distributed computing architectures, contributing approximately 1.0% annual growth.

Edge AI and machine learning adoption are also accelerating market growth. Companies are implementing intelligent applications requiring AI inference directly on edge devices to improve responsiveness, operational independence, and decision-making accuracy. Local processing of AI workloads enhances data privacy, reduces communication overhead, and ensures continuous operation in environments with limited connectivity. Advances in AI processors, software frameworks, and smart edge platforms are fueling investments in distributed AI infrastructure, estimated to add about 0.8% annual growth to the market.

Promising Growth Opportunities in Hardware, Software, and Services Segments

The primary growth prospects within the edge computing market lie in the hardware, software, and services segments. Combined, these areas are expected to contribute over \$200 billion in market value by 2030. This surge is driven by increased enterprise investments in distributed computing infrastructure, widespread deployment of edge platforms for AI-powered and mission-critical applications, growing use of cloud-native edge management solutions, and rising demand for secure, scalable, and high-performance computing environments. This trend aligns with the ongoing digital transformation of enterprises, expansion of intelligent connected ecosystems, and a broader need for decentralized computing across industries worldwide.

From 2025 to 2030, the hardware segment is forecasted to grow by \$65 billion, software by \$82 billion, and services by \$53 billion. The edge computing landscape is characterized by contributions from global semiconductor manufacturers, cloud service providers, networking infrastructure companies, and edge software developers. Market participants emphasize AI-enabled edge processing, low-latency computing architectures, distributed cloud platforms, advanced edge servers, and secure device management solutions to strengthen their market position and support next-generation digital infrastructure. Priorities include enhancing real-time data processing, enabling scalable edge deployments, improving cybersecurity, ensuring interoperability across connected devices, and facilitating seamless integration with cloud ecosystems. Understanding these dynamics is crucial for stakeholders looking to capitalize on growth, technological innovation, and strategic partnerships within the fast-evolving edge computing space.

NVIDIA Corporation Leads the Edge Computing Market

According to research, NVIDIA Corporation held the leading position in global sales in 2025, capturing a 3% market share. NVIDIA's edge computing division offers an extensive portfolio of AI edge platforms, accelerated computing systems, networking solutions, and edge software frameworks designed to support real-time data processing, AI inference, low-latency computing, and intelligent edge applications across industrial, enterprise, telecommunications, and smart city sectors.

Major Industry Players Driving the Edge Computing Market

Key companies active in the edge computing market include NVIDIA Corporation, Dell Technologies Inc., Huawei Technologies Co. Ltd., Lenovo Group Limited, Amazon Web Services Inc., Nokia Corporation, Ericsson AB, Super Micro Computer Inc., AT&T Inc., Eaton Corporation plc, Verizon Communications Inc., Intel Corporation, Cisco Systems Inc., Siemens AG, IBM Corporation, Equinix Inc., Schneider Electric, ADLINK Technology Inc., Alphabet Inc. (Google LLC), Rockwell Automation, Advantech Co. Ltd., Scale Computing, and WINSYSTEMS Inc.

Market Fragmentation and Competitive Landscape

The edge computing market exhibits a moderate level of fragmentation, with the top 10 players accounting for 19% of total market revenue in 2025. This distribution reflects medium barriers to entry shaped by growing demand for low-latency computing, AI-powered edge deployments, distributed computing architectures, and the need for scalable hardware, software, and connectivity solutions. Leading firms such as NVIDIA Corporation, Dell Technologies Inc., Huawei Technologies Co. Ltd., Lenovo Group Limited, Amazon Web Services Inc., Nokia Corporation, Ericsson AB, Super Micro Computer Inc., AT&T Inc., and Eaton Corporation plc maintain significant market shares through comprehensive edge computing offerings, strong enterprise and telecom partnerships, global deployment capabilities, and ongoing innovation in AI acceleration, edge servers, networking platforms, and intelligent infrastructure. As real-time analytics, connected devices, industrial automation, and edge AI applications grow, technology advances, strategic alliances, and expanded distributed edge infrastructure will reinforce these

companies' competitive positions.

Suppliers Providing Critical Raw Materials in Edge Computing

Prominent raw material suppliers supporting the edge computing industry include Taiwan Semiconductor Manufacturing Company, Samsung Electronics, SK hynix, Micron Technology, Kioxia Corporation, Western Digital Corporation, Broadcom Inc., Marvell Technology, MediaTek Inc., NXP Semiconductors, Infineon Technologies AG, STMicroelectronics, Texas Instruments Incorporated, Analog Devices Inc., Murata Manufacturing Co. Ltd., TE Connectivity Ltd., Amphenol Corporation, Foxconn Technology Group, and ASE Technology Holding Co. Ltd.

Wholesalers and Distributors Ensuring Market Reach

Major wholesalers and distributors operating in the edge computing market comprise Arrow Electronics Inc., Avnet Inc., TD SYNNEX Corporation, Ingram Micro Holding Corporation, Westcon-Comstor, Exclusive Networks, Redington Limited, WPG Holdings, Tech Data Advanced Private Limited, Synnex Information Technologies, ScanSource Inc., Dicker Data Limited, Computacenter plc, Bechtle AG, ALSO Holding AG, Carahsoft Technology Corp., Insight Enterprises Inc., Softchoice Corporation, and SHI International Corp.

Leading End Users Employing Edge Computing Solutions

The edge computing market serves major end users such as Tesla Inc., Toyota Motor Corporation, Siemens Healthineers AG, Bosch Group, Shell plc, Walmart Inc., FedEx Corporation, Deutsche Telekom AG, China Mobile Limited, Vodafone Group Plc, Verizon Communications Inc., AT&T Inc., JPMorgan Chase & Co., Mayo Clinic, Airbus SE, The Coca-Cola Company, Rio Tinto Group, Procter & Gamble Company, and ABB Ltd.

Emerging Competitive Trends Shaping Market Dynamics

Modular converged edge platforms are revolutionizing the edge computing market by enabling scalable distributed computing, supporting AI-driven workloads, and improving real-time data processing in both enterprise and industrial contexts. For example, in November 2025, Cisco Systems Inc. introduced the Cisco Unified Edge platform, which features a modular converged edge architecture integrating compute, storage, and networking within a single, serviceable chassis. This AI-ready infrastructure offers configurable CPU and GPU options, centralized fleet management, and zero-touch deployment capabilities, enhancing operational efficiency, simplifying distributed edge rollouts, and enabling low-latency AI and edge computing applications.

Corporate Strategies Focused on Maintaining Market Leadership

Leading companies in the edge computing sector are adopting a range of strategies to stay ahead, including the development of AI-enabled edge platforms that enhance real-time data processing, deployment of modular edge infrastructure to support scalable distributed environments, advancement of edge AI accelerators for intelligent industrial automation, integration of 5G technologies to improve ultra-low latency connectivity, and creation of intelligent edge management platforms to streamline remote infrastructure operations.

Our 2026 market reports now include enhanced strategic insights through:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

Learn More About [The Business Research Company](https://www.thebusinessresearchcompany.com)

The Business Research Company (www.thebusinessresearchcompany.com) is a leading market intelligence firm renowned for its expertise in company, market, and consumer research. We have published over 30,000+ reports across 27 industries and 60+ geographies. Our research is powered by 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

We provide continuous and custom research services, offering a range of specialized packages tailored to your needs, including Market Entry Research Package, Competitor Tracking Package, Supplier & Distributor Package and much more.

Disclaimer: Please note that the findings, conclusions and recommendations that TBRC Business Research Pvt Ltd delivers are based on information gathered in good faith from both primary and secondary sources, whose accuracy we are not always in a position to guarantee. As such TBRC Business Research Pvt Ltd can accept no liability whatever for actions taken based on any information that may subsequently prove to be incorrect. Analysis and findings included in TBRC reports and presentations are our estimates, opinions and are not intended as statements of fact or investment guidance.

Contact Us:

The Business Research Company

Americas +1 310-496-7795

Europe +44 7882 955267

Asia & Others +44 7882 955267 & +91 8897263534

Email: marketing@tbrc.info

Follow Us On:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/951483778>

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.

© 1995-2026 Newsmatics Inc. All Right Reserved.