

2023 Emerging Technologies Research Review

Market Research Report | 2024-12-27 | 135 pages | BCC Research

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Report description:

Description

Research Review Scope

Emerging technologies are transforming enterprise management by enhancing efficiency, scalability, and decision-making capabilities. The global enterprise AI market is expanding rapidly, driven by the demand for automation, predictive analytics, and intelligent business solutions. AI consulting services are also gaining traction as organizations seek expertise to integrate AI-driven strategies. High-performance computing (HPC) is playing a critical role in processing vast amounts of enterprise data, enabling advanced simulations, real-time analytics, and AI model training. Additionally, quantum computing is poised to revolutionize industries by solving complex computational challenges beyond the capabilities of traditional systems.

Further, innovations in edge computing and surface computing are reshaping how enterprises process and interact with data. The edge computing market is growing as businesses prioritize low-latency data processing for IoT, AI, and real-time applications. Likewise, surface computing is evolving with interactive, touch-based interfaces that enhance user engagement and collaboration. These technological advancements are expected to redefine enterprise infrastructure, optimize operations, and create new business opportunities. As global markets evolve, enterprises must strategically adopt these emerging technologies to stay competitive and future-ready.

Research Reviews from BCC Research provide market professionals with concise market coverage within a specific research category. This 2023 Research Review of Emerging Technologies provides a sampling of the type of quantitative market information, analysis, and guidance that BCC Research has been developing since its inception in 1971 to help its customers make informed business decisions. This Research Review includes highlights and excerpts from the following reports published by BCC Research in 2023:

- IFT286A Global Enterprise Artificial Intelligence (AI) Market
- IFT283A Global AI Consulting Services Market
- IFT297A Global High Performance Computing Market
- IFT289A Surface Computing: Global Markets

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- IFT149C Quantum Computing: Technologies and Global Markets to 2028
- IFT157B Global Edge Computing Technology Market: Trends and Forecast to 2027

After you survey the excerpts in this Research Review, we encourage you to follow up on these topics by checking out the full market research reports associated with each topic. BCC Research looks forward to serving your market intelligence needs in the future.

Executive Summary

Summary:

- The global quantum computing market reached \$713.4 million in 2022, should reach \$904.7 million by 2023 and \$6.5 billion by 2028 with a compound annual growth rate (CAGR) of 48.1% during the forecast period of 2023-2028.
- The global enterprise AI market reached \$8.3 billion in 2022, should reach \$11.2 billion by 2023 and \$68.9 billion by 2028 with a compound annual growth rate (CAGR) of 43.9% during the forecast period of 2023-2028.
- The global market for edge computing technologies is estimated to increase from \$46.3 billion in 2022 to reach \$124.7 billion by 2027, at a compound annual growth rate (CAGR) of 21.9% from 2022 through 2027.

Emerging technologies are transforming enterprise management by enhancing efficiency, scalability, and decision-making capabilities. The global enterprise AI market is expanding rapidly, driven by the demand for automation, predictive analytics, and intelligent business solutions. AI consulting services are also gaining traction as organizations seek expertise to integrate AI-driven strategies. Highperformance computing (HPC) is playing a critical role in processing vast amounts of enterprise data, enabling advanced simulations, real-time analytics, and AI model training. Additionally, quantum computing is poised to revolutionize industries by solving complex computational challenges beyond the capabilities of traditional systems.

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