



# EDGE COMPUTING

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## Market Size and Forecasts

Information Matters

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# Edge Computing – Market Size and Forecasts

## Overview

All the data in this report comes from sources made publicly available on the web by the original authors and publishers. The date of publication and the original source has been identified for verification purposes.

## The Market Sizes and Forecasts

**From:** Allied Market Research

**URL:** <https://www.alliedmarketresearch.com/edge-computing-market>

**Published:** May 2019

**Data:**

“The edge computing market size was valued at \$ 1,734.8 million in 2017, and is projected to reach \$ 16,556.6 million by 2025, growing at a CAGR of 32.8% from 2018 to 2025”;

“Services would exhibit the highest CAGR of 35.6% during 2018-2025; SMEs would exhibit the highest CAGR of 37.5% during 2018-2025”;

“Connected cars is projected as one of the most lucrative segments and it would exhibit the highest CAGR of 35.9% during 2018-2025”;

“Asia-Pacific would exhibit the highest CAGR of 35.1% during 2018-2025”.

**From:** Grand View Research

**URL:** <https://www.grandviewresearch.com/industry-analysis/edge-computing-market>

**Published:** June 2019

**Data:**

“The global edge computing market size was valued at USD 1.47 billion in 2018 and is expected to expand at a CAGR of 54.0% from 2019 to 2025;

The global edge computing market size is expected to reach USD 28.84 billion by 2025 registering a CAGR of 54.0%”.

**From:** Technavio

**URL:** <https://www.technavio.com/report/global-edge-computing-market-industry-analysis>

**Published:** December 2018

**Data:**

“The global edge computing market size will grow by USD 5.74 billion during 2019-2023”;

“The edge computing market size is poised to grow at a CAGR of close to 41% during the period 2019-2023”.



**From:** Market Research Future

**URL:** <https://www.marketresearchfuture.com/reports/edge-computing-market-3239>

**Published:** July 2019

**Data:**

“The global market for Edge computing is estimated to reach USD 22,453.9 million by 2024, registering a 28.4% CAGR during the forecast period of 2018 to 2024”.

**From:** BCC Research

**URL:** <https://www.bccresearch.com/market-research/information-technology/global-markets-and-technologies-for-edge-computing.html>

**Published:** August 2018

**Data:**

“The global edge computing market is expected to reach \$21.0 billion by 2023 from \$10.6 billion in 2018 at a compound annual growth rate (CAGR) of 14.2% from 2018 to 2023”.

**From:** McKinsey & Co.

**URL:** <https://www.mckinsey.com/industries/technology-media-and-telecommunications/our-insights/new-demand-new-markets-what-edge-computing-means-for-hardware-companies>

**Published:** November 2018

**Data:**

“In this article, we map out more than 100 edge computing use cases across 11 sectors that we believe could create more than \$200 billion in hardware value in the next five to seven years”.

Edge computing represents a potential value of \$175 billion to \$215 billion in hardware by 2025.

Industry	% of total edge use cases	2025 hardware value, <sup>1</sup> \$ billion	Industry	% of total edge use cases	2025 hardware value, <sup>1</sup> \$ billion
 Travel, transport, and logistics	24	 ~35–43	 Advanced industries	10	 ~5–13
 Cross-vertical	9	 ~32–40	 Healthcare	10	 ~5–13
 Retail	10	 ~20–28	 Infrastructure	6	 ~4–11
 Media and entertainment	1	 ~17–25	 Chemicals and agriculture	5	 ~4–11
 Public sector and utilities	10	 ~16–24	 Banking and insurance	1	 ~2–7
 Global energy and materials	13	 ~9–17	 Consumer	4	 ~1–5

Total: ~\$175 billion–\$215 billion

<sup>1</sup>Hardware value includes opportunity across the tech stack (ie, the sensor, on-device firmware, storage, and processor) and for a use case across the value chain (eg, including edge computers at different points of architecture).

**From:** Zion Market Research

**URL:** <https://www.zionmarketresearch.com/report/edge-computing-market>

**Published:** February 2020

**Data:**

“Global edge computing was valued USD 3.02 Billion in 2019 and is expected to reach around USD 15.81 Billion by 2026, at a CAGR approximately 26.80% for the forecast period from 2020 to 2026”.

**From:** Deloitte

**URL:** <https://www2.deloitte.com/content/dam/Deloitte/at/Documents/technology-media-telecommunications/at-tmt-predictions-2020.pdf>

**Published:** December 2019

**Data:**

“We predict that in 2020, more than 750 million edge AI chips—chips or parts of chips that perform or accelerate machine learning tasks on-device, rather than in a remote data center—will be sold. This number, representing a cool US\$2.6 billion in revenue, is more than twice the 300 million edge AI chips Deloitte predicted would sell in 2017 – a three-year compound annual growth rate (CAGR) of 36 percent. Further, we predict that the edge AI chip market will continue to grow much more quickly than the overall chip market. By 2024, we expect sales of edge AI chips to exceed 1.5 billion, possibly by a great deal. This represents annual unit sales growth of at least 20 percent, more than double the longer-term forecast of 9 percent CAGR for the overall semiconductor industry.”;

“The consumer edge AI chip market is much larger than the enterprise market, but it is likely to grow more slowly, with a CAGR of 18 percent expected between 2020 and 2024. The enterprise edge AI chip market, while much newer—the first commercially available enterprise edge AI chip only launched in 2017 – is growing much faster, with a predicted CAGR of 50 percent over the same time frame.”

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