

# Vision Processing Unit Market Size, Share, Revenue, Trends And Drivers For 2024-2033

*The Business Research Company's Vision Processing Unit Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033*

LONDON, GREATER LONDON, UK, July 4, 2024 /EINPresswire.com/ -- The global vision processing unit market is projected to grow from \$2.43 billion in 2023 to \$2.9 billion in 2024, reflecting a compound annual growth rate (CAGR) of 19.3%. This growth is driven by the increasing demand for image and video processing, expanding applications of artificial intelligence (AI), and the proliferation of autonomous vehicles.



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## Rapid Growth Drivers

The market is anticipated to see robust growth, reaching \$5.54 billion by 2028 with a CAGR of 17.5%. This growth is attributed to the integration of VPUs in edge devices, the expansion of augmented reality (AR) applications, increased adoption in advanced driver-assistance systems (ADAS), robotics, and smart surveillance systems.

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## Major Players and Market Trends

Key players such as Google LLC, Intel Corporation, Qualcomm Incorporated, and others are focusing on developing energy-efficient processing architectures and integrating AI accelerators into VPUs. For instance, MediaTek introduced the Dimensity Auto platform in 2023, designed to support AI multi-processors and advanced automotive applications.

## Market Segments

- Fabrication Process: Less Than Or Equal To 16 NM, More Than 16 To 28 NM

- Application: Smartphones, Medical Devices, Digital Cameras, Drones, Robots, Autonomous Vehicles, Wearable Devices
- Vertical: Consumer Electronics, Automotive, Industrial, Healthcare, Other Verticals

Geographical Insights: Asia-Pacific Leading the Market

Asia-Pacific emerged as the largest region in [the vision processing unit market in 2023](#), driven by technological advancements and increasing adoption across various industries.

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[Vision Processing Unit Global Market Report 2024](#) from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Vision Processing Unit Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [vision processing unit market size](#), vision processing unit market drivers and trends, vision processing unit market major players, competitors' revenues, market positioning, and market growth across geographies. The vision processing unit market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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About The Business Research Company

The Business Research Company has published over 27 industries, spanning over 8000+ markets

and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

#### Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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