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Processors for Graphics & Artificial Intelligence Market Tracker

Part of the Semiconductor Components Service Area Package

An examination of the markets for processors targeting graphics, vision and AI acceleration functions

Processor classes are specifically targeting graphics and AI, microprocessors with graphics and/or AI, microcontrollers with graphics and/or AI, graphics processors with or without AI, system-on-chip and the emergence of AI-specific processors – ASIC and ASSP.

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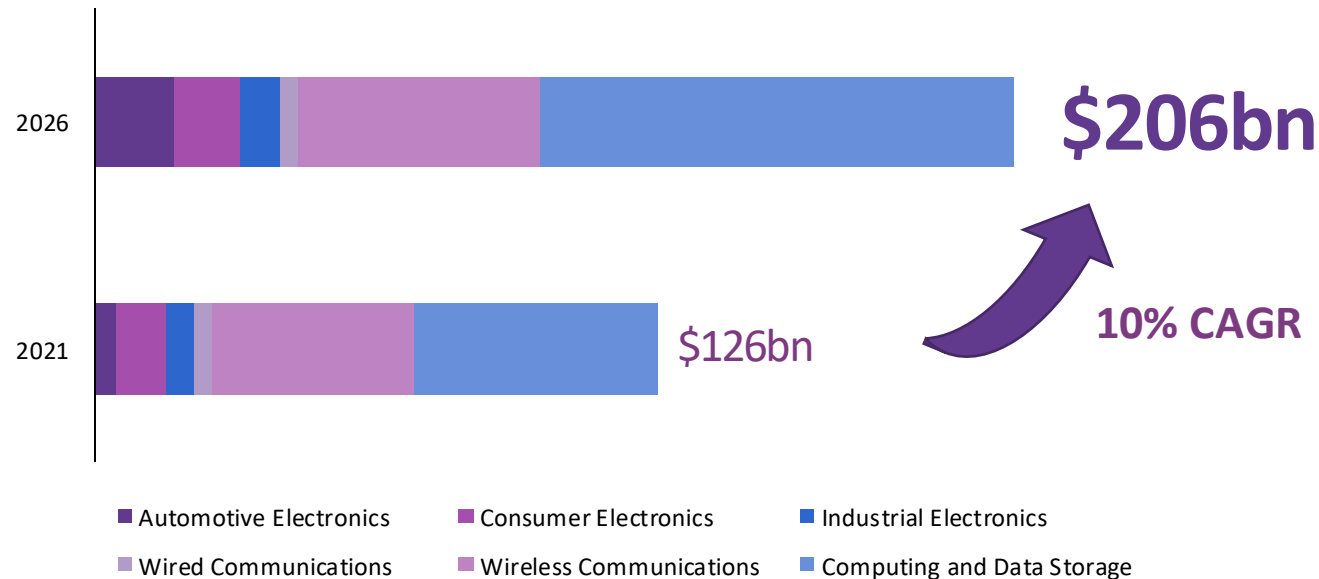
HOW OMDIA HELPS YOU

- Understand major trends and high-growth industry sectors
- Develop research and marketing strategies optimized to target volume, growth and technological acumen

KEY QUESTIONS ADDRESSED

- What are other applications for graphics, and are there alternatives to GPUs?
- What are the opportunities and pitfalls of using AI?
- On what type of processors is AI training being done, and what is needed for inferencing and deep learning?
- What is the market outlook in 5 years?

Market Revenue for Processors with Graphics or AI Integration by Vertical



Source: Omdia

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Market Tracker

Processors for Graphics & Artificial Intelligence Market Tracker

An examination of the markets for processors targeting graphics, vision and AI acceleration functions.

DETAILS

Frequency, time period

- Semi-annual update
- 4-years historical
- 5-years annual forecast

Measures

- Revenues
- Units
- Growth rate
- Average selling price
- Supplier market shares

COVERAGE

Processor classes

- Microprocessors with graphics and/or AI
- Microcontrollers with graphics and/or AI
- Graphics processors with or without AI
- System-on-Chip and the emergence of AI-specific processors (ASIC and ASSP)

Vertical markets

- Automotive electronics
- Industrial electronics
- Compute and data storage
- Consumer electronics
- Wired communications
- Wireless communications
- 70 total applications

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Processors for Graphics & Artificial Intelligence Market Tracker

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Related Content: Semiconductor Components Service Area Coverage



Service Area Package: **Semiconductor Components**

LED
Intelligence Service

MEMS & Sensors
Intelligence Service

Microcontroller
Market Tracker

Power Semiconductor
Intelligence Service

Processors for Network
Infrastructure Market Tracker

MEMS & Sensors for Consumer &
Mobile Intelligence Service

Optoelectronic Components
Report

**Processors for Graphics &
Artificial Intelligence Market Tracker**

System-on-Chip (SoC)
Market Tracker

Processors Spotlight Service

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Omdia's leading semiconductor components research is provided by a highly experienced team of analysts. Many are industry veterans with deep technical background as well as hands-on market and product experience in their coverage area. The key component areas of processors and microcontrollers, MEMS and sensors, power discretes and modules, power ICs, LED and optical components are covered across numerous device categories and applications.

Their expertise is augmented and supported by the wide array of end equipment application and demand reporting, semiconductor manufacturing tracking and forecasting and spotlight services such as the semiconductor competitive landscape tool, the application market forecast tracker, the China semiconductor intelligence service and others.

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