

Deep Learning Chip Market Growing at Impressive CAGR of 39.9%, High Investment in AI Startups Drive Growth by 2020-2025

Deep Learning Chip Market to Garner \$29.37 Billion 2025, Increase in demand for smart homes & smart cities, drives revenue growth.

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EINPresswire.com/ -- According to the report published by Allied Market Research, the global [deep learning chip market](#) was pegged at \$2.81 billion in 2018 and is estimated to reach \$29.37 billion by 2025, registering a CAGR of 39.9% CAGR from 2018 to 2025.

The global deep learning chip market report provides an in-depth analysis of the major market players including AMD (Advanced Micro Devices), Intel Corporation, Google, Inc., Baidu, NVIDIA, Qualcomm, Amazon, Bitmain Technologies, Xilinx, and Samsung.



Deep Learning Chip Market by Chip Type (GPU, ASIC, FPGA, CPU, and Others), Technology (System-on-chip, System-in-package, Multi-chip module, and Others), and Industry Vertical (Media & Advertising, BFSI, IT & Telecom, Retail, Healthcare, Automotive & Tran

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Rise in demand for smart homes & smart cities, increased in investment in AI startups, emergence of quantum computing, and growth in number of AI applications have boosted the growth of the global deep learning chip market. However, dearth of skilled workforce hampers the market. On the contrary, increased adoption of deep learning chips in developing regions and development of smarter robots are expected to create lucrative opportunities in the near future.

The global deep learning chip market is divided on the basis of chip type, technology, industry

verticals, and geography. Based on chip type, the market is segmented into GPU, ASIC, FPGA, CPU, and others. The GPU segment dominated the market, contributing more than one-fourth of the market. However, the ASIC segment is projected to register the fastest CAGR of 46.1% during the forecast period.

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On the basis of technology, the market is divided into system-on-chip (SoC), system-in-package, multi-chip module, and others. The SoC segment held the largest share in 2018, contributing more than half of the market. However, the multi-chip module segment is estimated to manifest the fastest CAGR of 44.0% during the forecast period.

Based on industrial verticals, the market is bifurcated into media & advertising, BFSI, it & telecom, retail, healthcare, automotive & transportation, and others. The BSFI segment held the largest share in 2018, contributing more than one-fifth of the market. However, automotive & transportation segment is expected to register the fastest CAGR of 44.7% during the forecast period.

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The global deep learning chip market is analyzed across various regions such as North America, Europe, Asia-Pacific, and LAMEA. The market across the North America region held the lion's share in 2018, contributing more than one-third of the market. However, the Asia-Pacific region is projected to propel the [Highest CAGR](#) of 44.5% during the forecast period.

Key Benefits

This study comprises an analytical depiction of the global deep learning chip market size with current trends and future estimations to depict the imminent investment pockets.

The overall deep learning chip industry potential is determined to understand the profitable trends to gain a stronger foothold.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current deep learning chip market is quantitatively analyzed from 2018 to 2025 to benchmark the financial competency.

Porter's Five Forces analysis illustrates the potency of the buyers and suppliers in the global deep learning chip market.

The report includes the deep learning chip market share of key vendors and deep learning chip market trends.

Deep Learning Chip Market Key Segments:

By Chip Type

- GPU
- ASIC
- FPGA
- CPU
- Others

By Technology

- System-on-chip (SoC)
- System-in-package (SIP)
- Multi-chip module
- Others

By Industry Vertical

- Media & advertising
- BFSI
- IT & telecom
- Retail
- Healthcare
- Automotive & transportation
- Others

By Region

North America

- U.S.
- Canada
- Mexico

Europe

- UK
- Germany
- France

Russia
Rest of Europe

Asia-Pacific

China
Japan
India
Australia
Rest of Asia-Pacific

LAMEA

Latin America
Middle East
Africa

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We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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