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Machine Learning Processor Market - Forecasts from 2019 to 2024

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Abstracts

The machine learning processor market is estimated to be valued at US$3,206.308 million in 2018 and will grow at a CAGR of 20.36% to reach market size of US$9,749.215 million by 2024. The demand for these processors is increasing on account of the proliferation of IoT devices and the trend towards big data. Major vendors are increasing their research and development expenditure so as to introduce new and updated products to occupy a larger market share. This will further boost the demand for these processors. Geographically, North America and Europe held a significant market share owing to the trend toward automation and increasing expenditure on connected cars. North America will remain one of the most attractive markets over the forecast period.

The Machine Learning Processor Market – Forecasts from 2019 to 2024 is an exhaustive study that aims to present the key market trends through various chapters focusing on different aspects of the market. The study provides a detailed market overview through the market dynamics sections which detail key market, drivers, restraints, and opportunities in the current market. The report analyzes key opportunity regional markets, and the current technology penetration through lifecycle analysis. The report also analyzes the market through comprehensive market segmentation by type, component, end-user industry, and geography.

The machine learning processor market has been segmented based on type, component, end-user industry, and geography. By type, the market has been segmented on the basis of FPGA, ASIC, GPU, CPU, and others. By component, the market has been segmented into hardware and software. By end-user industry, the market has been divided into BFSI, communication and technology, automotive, retail, and others.

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Regional analysis has been provided with detailed analysis and forecast for the period 2018 to 2024. The global market has been broken down into North America, South America, Europe, Middle East and Africa (MEA), and the Asia Pacific regions. The report also analyzes 15 countries across these regions with thorough analysis and forecast along with prevailing market trends and opportunities which each of these countries present for the manufacturers.

Major players in the machine learning processor market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last year. The company profiles section details the business overview, financial performance for the past three years, key products and services being offered along with the recent developments of these important players in the machine learning processor market.

Segmentation

The machine learning processor market has been segmented by type, component, end-user industry, and geography.

By Type

FPGA

ASIC

GPU

CPU

Others

By Component

Hardware

Software

By End-User Industry

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BFSI

Communication and Technology

Automotive

Retail

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Italy

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Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

South Korea

India

Others

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11. APPENDIX

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