

# Global Programmable Network Interface Card Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Programmable Network Interface Card market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

A SmartNIC, or smart network interface card (NIC), is a programmable accelerator that makes data center networking, security and storage efficient and flexible. SmartNICs offload from server CPUs an expanding array of jobs required to manage modern distributed applications.

This report studies the global Programmable Network Interface Card production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Programmable Network Interface Card, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Programmable Network Interface Card that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Programmable Network Interface Card total production and demand, 2018-2029, (K Units)

Global Programmable Network Interface Card total production value, 2018-2029, (USD Million)

Global Programmable Network Interface Card production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Programmable Network Interface Card consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Programmable Network Interface Card domestic production, consumption, key domestic manufacturers and share

Global Programmable Network Interface Card production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Programmable Network Interface Card production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Programmable Network Interface Card production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Programmable Network Interface Card market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Broadcom, Ethernity Networks, Intel, Marvell Technology, Mellanox Technologies, Napatech, Netronome, Solarflare and Xilinx, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Programmable Network Interface Card market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Programmable Network Interface Card Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Programmable Network Interface Card Market, Segmentation by Type

FPGA-based SmartNIC

DPU-based SmartNIC

ASIC-based SmartNIC

Others

## Global Programmable Network Interface Card Market, Segmentation by Application

Data Center

Telecom

Military and Defense

Financial Service

Other

#### Companies Profiled:

Broadcom

Ethernity Networks

Intel

Marvell Technology

Mellanox Technologies

Napatech

Netronome

Solarflare

Xilinx

Nvidia

Cisco

#### Key Questions Answered

1. How big is the global Programmable Network Interface Card market?
2. What is the demand of the global Programmable Network Interface Card market?
3. What is the year over year growth of the global Programmable Network Interface Card market?
4. What is the production and production value of the global Programmable Network

Interface Card market?

5. Who are the key producers in the global Programmable Network Interface Card market?

6. What are the growth factors driving the market demand?

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