

# Global Programmable Network Interface Card Market Growth 2023-2029

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### **Abstracts**

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The global Programmable Network Interface Card market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Programmable Network Interface Card is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Programmable Network Interface Card is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Programmable Network Interface Card is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Programmable Network Interface Card players cover Broadcom, Ethernity Networks, Intel, Marvell Technology, Mellanox Technologies, Napatech, Netronome, Solarflare and Xilinx, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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.



LPI (LP Information)' newest research report, the "Programmable Network Interface Card Industry Forecast" looks at past sales and reviews total world Programmable Network Interface Card sales in 2022, providing a comprehensive analysis by region and market sector of projected Programmable Network Interface Card sales for 2023 through 2029. With Programmable Network Interface Card sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Programmable Network Interface Card industry.

This Insight Report provides a comprehensive analysis of the global Programmable Network Interface Card landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Programmable Network Interface Card portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Programmable Network Interface Card market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Programmable Network Interface Card and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Programmable Network Interface Card.

This report presents a comprehensive overview, market shares, and growth opportunities of Programmable Network Interface Card market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

FPGA-based SmartNIC

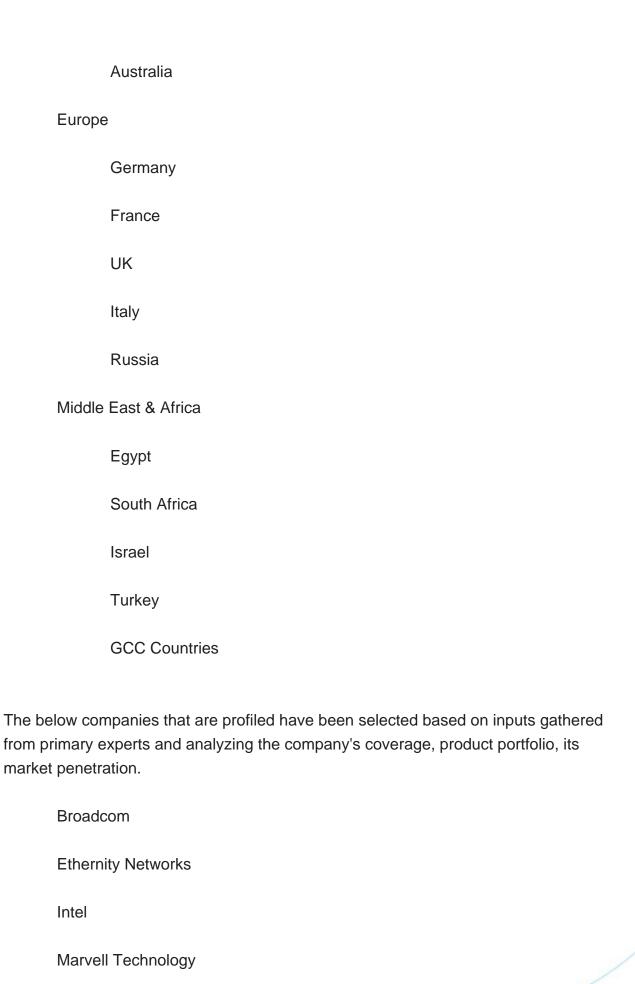
**DPU-based SmartNIC** 

ASIC-based SmartNIC



# Others Segmentation by application **Data Center** Telecom Military and Defense Financial Service Other This report also splits the market by region: Americas **United States** Canada Mexico Brazil **APAC** China Japan Korea Southeast Asia India







Mellanox Technologies		
Napatech		
Netronome		
Solarflare		
Xilinx		
Nvidia		
Cisco		
Key Questions Addressed in this Report		
What is the 10-year outlook for the global Programmable Network Interface Card market?		
What factors are driving Programmable Network Interface Card market growth, globally and by region?		
Which technologies are poised for the fastest growth by market and region?		
How do Programmable Network Interface Card market opportunities vary by end market size?		
How does Programmable Network Interface Card break out type, application?		
What are the influences of COVID-19 and Russia-Ukraine war?		



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