

# Global DPU Network Interface Card (NIC) Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/GE9091C452A8EN.html

Date: December 2023

Pages: 177

Price: US\$ 4,480.00 (Single User License)

ID: GE9091C452A8EN

# **Abstracts**

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

The DPU Network Interface Card (NIC) is a processor specifically used in data centers that is different from traditional network cards. DPU Network Interface Card (NIC) is designed to solve multiple problems existing in data centers, including low server data exchange efficiency, low data transmission reliability, low data center model execution efficiency, low I/O switching efficiency, and inflexible server architecture. wait.

The acceleration capability of the DPU Network Interface Card (NIC) allows the CPU to release computing power to upper-layer applications, optimizing and improving data center performance. It can also exist independently of the host CPU and build its own bus system to control and manage other devices. It is a true central chip.

This report studies the global DPU Network Interface Card (NIC) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for DPU Network Interface Card (NIC), 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 DPU Network Interface Card (NIC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global DPU Network Interface Card (NIC) total production and demand, 2018-2029, (K



Units)

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

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

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

U.S. VS China: DPU Network Interface Card (NIC) domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global DPU Network Interface Card (NIC) 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 Intel, Xilinx (AMD), NVIDIA, Silicom, Broadcom, Napatech, Marvell, BittWare(Molex) and Ethernity, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World DPU Network Interface Card (NIC) 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 DPU Network Interface Card (NIC) Market, By Region:	
United States	
China	
Europe	
Japan	
South Korea	
ASEAN	
India	
Rest of World	
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FPGA	
ASIC	
NP	
Others	
Global DPU Network Interface Card (NIC) Market, Segmentation by Application	
Data Center and Cloud Computing	
Cyber Security	



Hi	gh Performance Computing and Al		
Co	ommunications and Edge Computing		
Ot	hers		
Companie	es Profiled:		
Int	el		
Xil	linx (AMD)		
N\	/IDIA		
Sil	licom		
Br	oadcom		
Na	apatech		
Ma	arvell		
Bit	ttWare(Molex)		
Etl	hernity		
Ma	agmio (Netcope)		
Ne	etronome		
Ka	alray		
AV	WS (Amazon)		
Cis	sco		
B 41	6		

Microsoft



Achronix	
Ethernity Networks	
Asterfusion Data Technologies	
Fungible	
Alibaba Cloud	
Nebulamatrix	
Corigine	
Yusur	
Jaguar Microsystems	
Shanghai Yunsilicon Technology	
Dayudpu	
Resnics	
uestions Answered	

# Key Q

- 1. How big is the global DPU Network Interface Card (NIC) market?
- 2. What is the demand of the global DPU Network Interface Card (NIC) market?
- 3. What is the year over year growth of the global DPU Network Interface Card (NIC) market?
- 4. What is the production and production value of the global DPU Network Interface Card (NIC) market?
- 5. Who are the key producers in the global DPU Network Interface Card (NIC) market?



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