

Network Processor Market in China - Manufacturing and Consumption, Outlook and Forecast 2020-2026

<https://marketpublishers.com/r/N1565A182C6CEN.html>

Date: April 2020

Pages: 105

Price: US\$ 2,700.00 (Single User License)

ID: N1565A182C6CEN

Abstracts

Network Processor market is an integrated circuit that is a programmable software device used as a network architecture component inside a network application domain. A network processor in a network is analogous to central processing unit in a computer or similar device. The replacement of analogous signals to packet data form in telecommunication has led to integrated circuits of network processors that handle data packets.

Modern-day network processors have developed from simple designs to complex ICs with programmable software and a variety of operations and manipulation functions on the data packet. Network processors are employed in the manufacturing of routers, network switches, packet inspection, session controllers, firewall, transmitter devices, error detection and prevention devices and network control software. With today's web networking growing stronger than ever, network processors play a significant role in managing an overloaded network with abundant traffic and rapid growth rate. Network processors play a key role in packet inspection, encryption, monitoring, traffic management and queue management in a large network.

This report contains market size and forecasts of Network Processor in China, including the following market information:

China Network Processor Market Revenue, 2015-2020, 2021-2026, (\$ millions)

China Network Processor Market Consumption, 2015-2020, 2021-2026, (K Units)

China Network Processor Production Capacity, 2015-2020, 2021-2026, (K Units)

Top Five Competitors in China Network Processor Market 2019 (%)

The global Network Processor market was valued at 3819.7 million in 2019 and is projected to reach US\$ 6301.2 million by 2026, at a CAGR of 13.3% during the forecast period. While the Network Processor market size in China was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Network Processor manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas. This report also analyses and evaluates the COVID-19 impact on Network Processor production and consumption in China

Total Market by Segment:

China Network Processor Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (K Units)

China Network Processor Market Segment Percentages, By Type, 2019 (%)

Lower Speed Network Processor

High Speed Network Processor

China Network Processor Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (K Units)

China Network Processor Market Segment Percentages, By Application, 2019 (%)

Home Applications

Commercial Applications

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Network Processor Market Competitors Revenues in China, by Players 2015-2020 (Estimated), (\$ millions)

Total Network Processor Market Competitors Revenues Share in China, by Players 2019 (%)

Total China Network Processor Market Competitors Sales, by Players 2015-2020 (Estimated), (K Units)

Total China Network Processor Market Competitors Sales Market Share by Players

2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

Intel Corporation

Cisco Systems Inc

Broadcom Limited

Cavium, Inc.

Qualcomm Incorporated

Telefonaktiebolaget L. M. Ericsson

Mellanox Technologies

ARM Holdings plc

Marvell Technology Group, Ltd.

Fortinet, Inc.

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