

Germany Ethernet Switch Market Research Report Forecast to 2032

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Report description:

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Market Overview

The Ethernet switch market stands at the forefront of the digital revolution, facilitating seamless communication and data transfer in an increasing interconnected world. Ethernet switches, the backbone of modern networking infrastructure, have witnessed remarkable growth driven by the relentless expansion of data-driven technologies, and the ever-evolving demands of businesses and consumers. Ethernet switches have not only transformed the way people connect but have also become integral to the functioning of data centers, enterprises, and industrial environments.

An ethernet switch is an internet connectivity tool that connects multiple networks and devices into a highspeed local area network (LAN). When the ethernet switch connects with the router, it creates a single network zone that can share the internet with other portable devices. The router uses a single IP address. The switch market has a healthy correlation with the expansion of the routers. An ethernet switch has multiple ports to connect various kinds of devices (i.e., PCs, printers, etc.) into the LAN. Collocation data centers also use Ethernet switches and routers for seamless and high-speed connectivity all the time. This functionality invites many verticals such as the small and medium services, healthcare units, consumer goods providers, IT and telecom industry, online business (like e-Commerce stores), educational institutes, etc. The growing number of end-users is a steady pusher for the ethernet switch market growth.

The Germany ethernet switch market was valued at USD 1,070.9 million in 2022 and is expected to reach USD 1,492.9 million by 2032, registering a compound annual growth rate of 3.4% during the 2023-2032 period.

Market Overview

MRFR has studied the Germany ethernet switch market based on product type, switching port speed, and end-user. Based on product type, the Germany ethernet switch market has been segmented into modular ethernet switches and fixed-configuration Ethernet switches. Fixed configuration ethernet switches have been sub-segmented into unmanaged switches, smart switches, and managed I2 and I3 switches. The fixed configuration ethernet switches segment dominates the market and is expected to retain its dominance throughout the projected period.

Based on switching port speed, the Germany ethernet switch market has been segmented into 100ME and 1GbE, 10GbE, 40GbE, 100GbE, and Others. Among these types, the 100ME and 1GbE segment dominated the Germany ethernet switch market in 2022 year. However, other switching port speed segment is expected to exhibit the fastest growth during the projected period.

Based on end-user, the Germany ethernet switch market has been segmented into carrier ethernet, data center, and enterprise

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and campus. The data center segment is the most significant contributor to the ethernet switch market.

Major Players

The players operating in the Germany ethernet switch market are Intel Corporation, Hewlett Packard Enterprise Development Lp, Huawei Technologies Co Ltd, Cisco Systems Inc., Beckhoff, Siemens, Schneider Electric, Phoenix Contact Gmbh & Co. Kg, Bressner Technology Gmbh, and Digicomm Gmbh.

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