

## **North America Silicon Photonics Market Forecast 2023-2032**

Market Report | 2023-01-31 | 149 pages | Inkwood Research

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### **Report description:**

#### **KEY FINDINGS**

The North America silicon photonics market is expected to project a CAGR of 17.48% during the forecast period, 2023-2032. The presence of hyper-scale data centers that can leverage silicon photonics technology boosts the growth opportunities of the analyzed market.

#### **MARKET INSIGHTS**

Canada and the United States are assessed for the North America silicon photonics market growth evaluation. In Canada, the primary application of photonics is in the telecommunications industry. The Canada silicon photonics market growth is attributed to the fast-paced urbanization and the growing demand for cost-effective data transfer equipment and high-speed data connectivity. Also, the silicon photonics industry in Canada is backed by R&D collaborations among multinational network equipment suppliers, component companies, research institutes and universities. Besides, the country lacked the prototyping and packaging facilities that facilitate components to be tested in systems and applications swiftly and efficiently. However, collaborations and investments by key players have aided in tackling this challenge.

Furthermore, the North America silicon photonics market growth is accredited to the presence of several research and development establishments and key market players. Additionally, technological advancements are projected to increase the growth opportunities for the silicon photonics market.

#### **COMPETITIVE INSIGHTS**

Some of the eminent companies in the market include Intel, Inphi, II-VI, Global Foundries, Cisco Systems, etc.

Our report offerings include:

- Explore key findings of the overall market
- Strategic breakdown of market dynamics (Drivers, Restraints, Opportunities, Challenges)
- Market forecasts for a minimum of 9 years, along with 3 years of historical data for all segments, sub-segments, and regions
- Market Segmentation caters to a thorough assessment of key segments with their market estimations
- Geographical Analysis: Assessments of the mentioned regions and country-level segments with their market share
- Key analytics: Porter's Five Forces Analysis, Vendor Landscape, Opportunity Matrix, Key Buying Criteria, etc.
- Competitive landscape is the theoretical explanation of the key companies based on factors, market share, etc.

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- Company profiling: A detailed company overview, product/services offered, SCOT analysis, and recent strategic developments

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