

# Global Optical Chips for Lidar Industry Growth and Trends Forecast to 2031

<https://marketpublishers.com/r/GC477C1F40EEEN.html>

Date: February 2025

Pages: 94

Price: US\$ 3,450.00 (Single User License)

ID: GC477C1F40EEEN

## Abstracts

### Summary

According to APO Research, The global Optical Chips for Lidar market was estimated at US\$ million in 2025 and is projected to reach a revised size of US\$ million by 2031, witnessing a CAGR of xx% during the forecast period 2026-2031.

North American market for Optical Chips for Lidar is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

Asia-Pacific market for Optical Chips for Lidar is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

Europe market for Optical Chips for Lidar is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

The major global manufacturers of Optical Chips for Lidar include IBM, Infinera Corporation, Intel, Lumentum, Luxtera, NeoPhotonics, Viavi Solutions, Yuanjie Semiconductor Technology and Changguang Huaxin, etc. In 2024, the world's top three vendors accounted for approximately % of the revenue.

### Report Scope

This report aims to provide a comprehensive presentation of the global market for

Optical Chips for Lidar, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Optical Chips for Lidar.

The Optical Chips for Lidar market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2024 as the base year, with history and forecast data for the period from 2020 to 2031. This report segments the global Optical Chips for Lidar market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2020-2025. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses.

### Optical Chips for Lidar Segment by Company

IBM

Infinera Corporation

Intel

Lumentum

Luxtera

NeoPhotonics

Viavi Solutions

Yuanjie Semiconductor Technology

Changguang Huaxin

### Optical Chips for Lidar Segment by Type

Optical Passive Chip

Optical Active Chip

### Optical Chips for Lidar Segment by Application

Industrial

Self-Driving Cars

Other

### Optical Chips for Lidar Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt

South Africa

Israel

T?rkiye

GCC Countries

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Optical Chips for Lidar market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Optical Chips for Lidar and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape

section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Optical Chips for Lidar.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Optical Chips for Lidar manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Optical Chips for Lidar in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Optical Chips for Lidar Market Size Estimates and Forecasts (2020-2031)
  - 1.2.2 Global Optical Chips for Lidar Sales Estimates and Forecasts (2020-2031)
- 1.3 Optical Chips for Lidar Market by Type
  - 1.3.1 Optical Passive Chip
  - 1.3.2 Optical Active Chip
- 1.4 Global Optical Chips for Lidar Market Size by Type
  - 1.4.1 Global Optical Chips for Lidar Market Size Overview by Type (2020-2031)
  - 1.4.2 Global Optical Chips for Lidar Historic Market Size Review by Type (2020-2025)
  - 1.4.3 Global Optical Chips for Lidar Forecasted Market Size by Type (2026-2031)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America Optical Chips for Lidar Sales Breakdown by Type (2020-2025)
  - 1.5.2 Europe Optical Chips for Lidar Sales Breakdown by Type (2020-2025)
  - 1.5.3 Asia-Pacific Optical Chips for Lidar Sales Breakdown by Type (2020-2025)
  - 1.5.4 South America Optical Chips for Lidar Sales Breakdown by Type (2020-2025)
  - 1.5.5 Middle East and Africa Optical Chips for Lidar Sales Breakdown by Type (2020-2025)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 Optical Chips for Lidar Industry Trends
- 2.2 Optical Chips for Lidar Industry Drivers
- 2.3 Optical Chips for Lidar Industry Opportunities and Challenges
- 2.4 Optical Chips for Lidar Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Optical Chips for Lidar Revenue (2020-2025)
- 3.2 Global Top Players by Optical Chips for Lidar Sales (2020-2025)
- 3.3 Global Top Players by Optical Chips for Lidar Price (2020-2025)
- 3.4 Global Optical Chips for Lidar Industry Company Ranking, 2023 VS 2024 VS 2025
- 3.5 Global Optical Chips for Lidar Major Company Production Sites & Headquarters
- 3.6 Global Optical Chips for Lidar Company, Product Type & Application
- 3.7 Global Optical Chips for Lidar Company Establishment Date

### 3.8 Market Competitive Analysis

3.8.1 Global Optical Chips for Lidar Market CR5 and HHI

3.8.2 Global Top 5 and 10 Optical Chips for Lidar Players Market Share by Revenue in 2024

3.8.3 2023 Optical Chips for Lidar Tier 1, Tier 2, and Tier

## 4 OPTICAL CHIPS FOR LIDAR REGIONAL STATUS AND OUTLOOK

4.1 Global Optical Chips for Lidar Market Size and CAGR by Region: 2020 VS 2024 VS 2031

4.2 Global Optical Chips for Lidar Historic Market Size by Region

4.2.1 Global Optical Chips for Lidar Sales in Volume by Region (2020-2025)

4.2.2 Global Optical Chips for Lidar Sales in Value by Region (2020-2025)

4.2.3 Global Optical Chips for Lidar Sales (Volume & Value), Price and Gross Margin (2020-2025)

4.3 Global Optical Chips for Lidar Forecasted Market Size by Region

4.3.1 Global Optical Chips for Lidar Sales in Volume by Region (2026-2031)

4.3.2 Global Optical Chips for Lidar Sales in Value by Region (2026-2031)

4.3.3 Global Optical Chips for Lidar Sales (Volume & Value), Price and Gross Margin (2026-2031)

## 5 OPTICAL CHIPS FOR LIDAR BY APPLICATION

5.1 Optical Chips for Lidar Market by Application

5.1.1 Industrial

5.1.2 Self-Driving Cars

5.1.3 Other

5.2 Global Optical Chips for Lidar Market Size by Application

5.2.1 Global Optical Chips for Lidar Market Size Overview by Application (2020-2031)

5.2.2 Global Optical Chips for Lidar Historic Market Size Review by Application (2020-2025)

5.2.3 Global Optical Chips for Lidar Forecasted Market Size by Application (2026-2031)

5.3 Key Regions Market Size by Application

5.3.1 North America Optical Chips for Lidar Sales Breakdown by Application (2020-2025)

5.3.2 Europe Optical Chips for Lidar Sales Breakdown by Application (2020-2025)

5.3.3 Asia-Pacific Optical Chips for Lidar Sales Breakdown by Application (2020-2025)

5.3.4 South America Optical Chips for Lidar Sales Breakdown by Application

(2020-2025)

5.3.5 Middle East and Africa Optical Chips for Lidar Sales Breakdown by Application

(2020-2025)

## **6 COMPANY PROFILES**

### **6.1 IBM**

6.1.1 IBM Company Information

6.1.2 IBM Business Overview

6.1.3 IBM Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)

6.1.4 IBM Optical Chips for Lidar Product Portfolio

6.1.5 IBM Recent Developments

### **6.2 Infinera Corporation**

6.2.1 Infinera Corporation Company Information

6.2.2 Infinera Corporation Business Overview

6.2.3 Infinera Corporation Optical Chips for Lidar Sales, Revenue and Gross Margin  
(2020-2025)

6.2.4 Infinera Corporation Optical Chips for Lidar Product Portfolio

6.2.5 Infinera Corporation Recent Developments

### **6.3 Intel**

6.3.1 Intel Company Information

6.3.2 Intel Business Overview

6.3.3 Intel Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)

6.3.4 Intel Optical Chips for Lidar Product Portfolio

6.3.5 Intel Recent Developments

### **6.4 Lumentum**

6.4.1 Lumentum Company Information

6.4.2 Lumentum Business Overview

6.4.3 Lumentum Optical Chips for Lidar Sales, Revenue and Gross Margin  
(2020-2025)

6.4.4 Lumentum Optical Chips for Lidar Product Portfolio

6.4.5 Lumentum Recent Developments

### **6.5 Luxtera**

6.5.1 Luxtera Company Information

6.5.2 Luxtera Business Overview

6.5.3 Luxtera Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)

6.5.4 Luxtera Optical Chips for Lidar Product Portfolio

6.5.5 Luxtera Recent Developments

### **6.6 NeoPhotonics**

- 6.6.1 NeoPhotonics Company Information
- 6.6.2 NeoPhotonics Business Overview
- 6.6.3 NeoPhotonics Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)
- 6.6.4 NeoPhotonics Optical Chips for Lidar Product Portfolio
- 6.6.5 NeoPhotonics Recent Developments
- 6.7 Viavi Solutions
  - 6.7.1 Viavi Solutions Company Information
  - 6.7.2 Viavi Solutions Business Overview
  - 6.7.3 Viavi Solutions Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)
  - 6.7.4 Viavi Solutions Optical Chips for Lidar Product Portfolio
  - 6.7.5 Viavi Solutions Recent Developments
- 6.8 Yuanjie Semiconductor Technology
  - 6.8.1 Yuanjie Semiconductor Technology Company Information
  - 6.8.2 Yuanjie Semiconductor Technology Business Overview
  - 6.8.3 Yuanjie Semiconductor Technology Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)
  - 6.8.4 Yuanjie Semiconductor Technology Optical Chips for Lidar Product Portfolio
  - 6.8.5 Yuanjie Semiconductor Technology Recent Developments
- 6.9 Changguang Huaxin
  - 6.9.1 Changguang Huaxin Company Information
  - 6.9.2 Changguang Huaxin Business Overview
  - 6.9.3 Changguang Huaxin Optical Chips for Lidar Sales, Revenue and Gross Margin (2020-2025)
  - 6.9.4 Changguang Huaxin Optical Chips for Lidar Product Portfolio
  - 6.9.5 Changguang Huaxin Recent Developments

## **7 NORTH AMERICA BY COUNTRY**

- 7.1 North America Optical Chips for Lidar Sales by Country
  - 7.1.1 North America Optical Chips for Lidar Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 7.1.2 North America Optical Chips for Lidar Sales by Country (2020-2025)
  - 7.1.3 North America Optical Chips for Lidar Sales Forecast by Country (2026-2031)
- 7.2 North America Optical Chips for Lidar Market Size by Country
  - 7.2.1 North America Optical Chips for Lidar Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 7.2.2 North America Optical Chips for Lidar Market Size by Country (2020-2025)

7.2.3 North America Optical Chips for Lidar Market Size Forecast by Country (2026-2031)

## **8 EUROPE BY COUNTRY**

8.1 Europe Optical Chips for Lidar Sales by Country

8.1.1 Europe Optical Chips for Lidar Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

8.1.2 Europe Optical Chips for Lidar Sales by Country (2020-2025)

8.1.3 Europe Optical Chips for Lidar Sales Forecast by Country (2026-2031)

8.2 Europe Optical Chips for Lidar Market Size by Country

8.2.1 Europe Optical Chips for Lidar Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

8.2.2 Europe Optical Chips for Lidar Market Size by Country (2020-2025)

8.2.3 Europe Optical Chips for Lidar Market Size Forecast by Country (2026-2031)

## **9 ASIA-PACIFIC BY COUNTRY**

9.1 Asia-Pacific Optical Chips for Lidar Sales by Country

9.1.1 Asia-Pacific Optical Chips for Lidar Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

9.1.2 Asia-Pacific Optical Chips for Lidar Sales by Country (2020-2025)

9.1.3 Asia-Pacific Optical Chips for Lidar Sales Forecast by Country (2026-2031)

9.2 Asia-Pacific Optical Chips for Lidar Market Size by Country

9.2.1 Asia-Pacific Optical Chips for Lidar Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

9.2.2 Asia-Pacific Optical Chips for Lidar Market Size by Country (2020-2025)

9.2.3 Asia-Pacific Optical Chips for Lidar Market Size Forecast by Country (2026-2031)

## **10 SOUTH AMERICA BY COUNTRY**

10.1 South America Optical Chips for Lidar Sales by Country

10.1.1 South America Optical Chips for Lidar Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

10.1.2 South America Optical Chips for Lidar Sales by Country (2020-2025)

10.1.3 South America Optical Chips for Lidar Sales Forecast by Country (2026-2031)

10.2 South America Optical Chips for Lidar Market Size by Country

10.2.1 South America Optical Chips for Lidar Market Size Growth Rate (CAGR) by

Country: 2020 VS 2024 VS 2031

10.2.2 South America Optical Chips for Lidar Market Size by Country (2020-2025)

10.2.3 South America Optical Chips for Lidar Market Size Forecast by Country (2026-2031)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

11.1 Middle East and Africa Optical Chips for Lidar Sales by Country

11.1.1 Middle East and Africa Optical Chips for Lidar Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

11.1.2 Middle East and Africa Optical Chips for Lidar Sales by Country (2020-2025)

11.1.3 Middle East and Africa Optical Chips for Lidar Sales Forecast by Country (2026-2031)

11.2 Middle East and Africa Optical Chips for Lidar Market Size by Country

11.2.1 Middle East and Africa Optical Chips for Lidar Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

11.2.2 Middle East and Africa Optical Chips for Lidar Market Size by Country (2020-2025)

11.2.3 Middle East and Africa Optical Chips for Lidar Market Size Forecast by Country (2026-2031)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

12.1 Optical Chips for Lidar Value Chain Analysis

12.1.1 Optical Chips for Lidar Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Optical Chips for Lidar Production Mode & Process

12.2 Optical Chips for Lidar Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Optical Chips for Lidar Distributors

12.2.3 Optical Chips for Lidar Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer

## I would like to order

Product name: Global Optical Chips for Lidar Industry Growth and Trends Forecast to 2031

Product link: <https://marketpublishers.com/r/GC477C1F40EEEN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC477C1F40EEEN.html>