

Global On-Board Optics Modules Market Growth 2026-2032

<https://marketpublishers.com/r/GB0CFA19E296EN.html>

Date: July 2026

Pages: 128

Price: US\$ 3,660.00 (Single User License)

ID: GB0CFA19E296EN

Abstracts

The global On-Board Optics Modules market size is predicted to grow from US\$ 2641 million in 2025 to US\$ 9419 million in 2032; it is expected to grow at a CAGR of 20.0% from 2026 to 2032.

In 2025, global On-Board Optics Module output reached about 45 million units and global capacity of around 55 million units. The average price is about USD 60 per unit, with gross margins near 38%. On-Board Optics (OBO) Modules are high-speed optical communication modules mounted directly onto a switch, router, accelerator, or server motherboard inside data center and telecom equipment, instead of using pluggable optical transceivers at the front panel. OBO modules integrate optical engines, lasers, photodetectors, driver ICs, DSP chips, fiber connectors, and thermal management components to provide ultra-high bandwidth, lower power consumption, reduced signal loss, and improved port density for AI clusters, hyperscale cloud data centers, high-performance computing (HPC), and next-generation telecom networks. The supply chain starts upstream with semiconductor wafers, silicon photonics chips, III-V laser materials, optical lenses, optical fibers, substrates, PCBs, DSP/ASIC chips, and packaging materials supplied by photonics, semiconductor, and specialty materials companies. Midstream activities include optical engine manufacturing, co-packaged optics integration, precision optical alignment, advanced packaging, and assembly/testing performed by optical module manufacturers and network hardware OEMs. Downstream sectors include hyperscale cloud providers, AI data centers, telecom operators, enterprise networking, supercomputing systems, and edge computing infrastructure, where OBO modules are deployed in Ethernet switches, InfiniBand systems, AI accelerators, and ultra-high-speed interconnect platforms supporting 400G, 800G, 1.6T, and future optical networking architectures.

United States market for On-Board Optics Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for On-Board Optics Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for On-Board Optics Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key On-Board Optics Modules players cover Broadcom, Cisco, Intel, Marvell, Coherent, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?On-Board Optics Modules Industry Forecast? looks at past sales and reviews total world On-Board Optics Modules sales in 2025, providing a comprehensive analysis by region and market sector of projected On-Board Optics Modules sales for 2026 through 2032. With On-Board Optics Modules sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world On-Board Optics Modules industry.

This Insight Report provides a comprehensive analysis of the global On-Board Optics Modules landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on On-Board Optics Modules portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global On-Board Optics Modules market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for On-Board Optics Modules and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global On-Board Optics Modules.

This report presents a comprehensive overview, market shares, and growth opportunities of On-Board Optics Modules market by product type, application, key

manufacturers and key regions and countries.

Segmentation by Type:

100G OBO Modules

200G OBO Modules

400G OBO Modules

800G OBO Modules

1.6T OBO Modules

Segmentation by Wavelength:

850 nm

1310 nm

1550 nm

Segmentation by Application:

Data Centers

Telecommunications

Enterprise Networking

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Broadcom

Cisco

Intel

Marvell

Coherent

Lumentum

Ayar Labs

Ranovus

POET Technologies

Ciena

NeoPhotonics

MACOM

Scintil Photonics

Rockley Photonics

DustPhotonics

Furukawa Electric

Sumitomo Electric

InnoLight Technology

Accelink Technologies

Eoptolink Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global On-Board Optics Modules market?

What factors are driving On-Board Optics Modules market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do On-Board Optics Modules market opportunities vary by end market size?

How does On-Board Optics Modules break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global On-Board Optics Modules Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for On-Board Optics Modules by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for On-Board Optics Modules by Country/Region, 2021, 2025 & 2032
- 2.2 On-Board Optics Modules Segment by Type
 - 2.2.1 100G OBO Modules
 - 2.2.2 200G OBO Modules
 - 2.2.3 400G OBO Modules
 - 2.2.4 800G OBO Modules
 - 2.2.5 1.6T OBO Modules
 - 2.2.6 On-Board Optics Modules Sales by Type
 - 2.2.6.1 Global On-Board Optics Modules Sales Market Share by Type (2021-2026)
 - 2.2.6.2 Global On-Board Optics Modules Revenue and Market Share by Type (2021-2026)
 - 2.2.6.3 Global On-Board Optics Modules Sale Price by Type (2021-2026)
- 2.3 On-Board Optics Modules Segment by Wavelength
 - 2.3.1 850 nm
 - 2.3.2 1310 nm
 - 2.3.3 1550 nm
 - 2.3.4 On-Board Optics Modules Sales by Wavelength
 - 2.3.4.1 Global On-Board Optics Modules Sales Market Share by Wavelength (2021-2026)

2.3.4.2 Global On-Board Optics Modules Revenue and Market Share by Wavelength (2021-2026)

2.3.4.3 Global On-Board Optics Modules Sale Price by Wavelength (2021-2026)

2.4 On-Board Optics Modules Segment by Application

2.4.1 Data Centers

2.4.2 Telecommunications

2.4.3 Enterprise Networking

2.4.4 Others

2.4.5 On-Board Optics Modules Sales by Application

2.4.5.1 Global On-Board Optics Modules Sale Market Share by Application (2021-2026)

2.4.5.2 Global On-Board Optics Modules Revenue and Market Share by Application (2021-2026)

2.4.5.3 Global On-Board Optics Modules Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global On-Board Optics Modules Breakdown Data by Company

3.1.1 Global On-Board Optics Modules Annual Sales by Company (2021-2026)

3.1.2 Global On-Board Optics Modules Sales Market Share by Company (2021-2026)

3.2 Global On-Board Optics Modules Annual Revenue by Company (2021-2026)

3.2.1 Global On-Board Optics Modules Revenue by Company (2021-2026)

3.2.2 Global On-Board Optics Modules Revenue Market Share by Company (2021-2026)

3.3 Global On-Board Optics Modules Sale Price by Company

3.4 Key Manufacturers On-Board Optics Modules Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers On-Board Optics Modules Product Location Distribution

3.4.2 Players On-Board Optics Modules Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ON-BOARD OPTICS MODULES BY GEOGRAPHIC REGION

4.1 World Historic On-Board Optics Modules Market Size by Geographic Region

(2021-2026)

4.1.1 Global On-Board Optics Modules Annual Sales by Geographic Region

(2021-2026)

4.1.2 Global On-Board Optics Modules Annual Revenue by Geographic Region

(2021-2026)

4.2 World Historic On-Board Optics Modules Market Size by Country/Region

(2021-2026)

4.2.1 Global On-Board Optics Modules Annual Sales by Country/Region (2021-2026)

4.2.2 Global On-Board Optics Modules Annual Revenue by Country/Region

(2021-2026)

4.3 Americas On-Board Optics Modules Sales Growth

4.4 APAC On-Board Optics Modules Sales Growth

4.5 Europe On-Board Optics Modules Sales Growth

4.6 Middle East & Africa On-Board Optics Modules Sales Growth

5 AMERICAS

5.1 Americas On-Board Optics Modules Sales by Country

5.1.1 Americas On-Board Optics Modules Sales by Country (2021-2026)

5.1.2 Americas On-Board Optics Modules Revenue by Country (2021-2026)

5.2 Americas On-Board Optics Modules Sales by Type (2021-2026)

5.3 Americas On-Board Optics Modules Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC On-Board Optics Modules Sales by Region

6.1.1 APAC On-Board Optics Modules Sales by Region (2021-2026)

6.1.2 APAC On-Board Optics Modules Revenue by Region (2021-2026)

6.2 APAC On-Board Optics Modules Sales by Type (2021-2026)

6.3 APAC On-Board Optics Modules Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe On-Board Optics Modules by Country

7.1.1 Europe On-Board Optics Modules Sales by Country (2021-2026)

7.1.2 Europe On-Board Optics Modules Revenue by Country (2021-2026)

7.2 Europe On-Board Optics Modules Sales by Type (2021-2026)

7.3 Europe On-Board Optics Modules Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa On-Board Optics Modules by Country

8.1.1 Middle East & Africa On-Board Optics Modules Sales by Country (2021-2026)

8.1.2 Middle East & Africa On-Board Optics Modules Revenue by Country (2021-2026)

8.2 Middle East & Africa On-Board Optics Modules Sales by Type (2021-2026)

8.3 Middle East & Africa On-Board Optics Modules Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of On-Board Optics Modules

10.3 Manufacturing Process Analysis of On-Board Optics Modules

10.4 Industry Chain Structure of On-Board Optics Modules

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 On-Board Optics Modules Distributors

11.3 On-Board Optics Modules Customer

12 WORLD FORECAST REVIEW FOR ON-BOARD OPTICS MODULES BY GEOGRAPHIC REGION

12.1 Global On-Board Optics Modules Market Size Forecast by Region

12.1.1 Global On-Board Optics Modules Forecast by Region (2027-2032)

12.1.2 Global On-Board Optics Modules Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global On-Board Optics Modules Forecast by Type (2027-2032)

12.7 Global On-Board Optics Modules Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Broadcom

13.1.1 Broadcom Company Information

13.1.2 Broadcom On-Board Optics Modules Product Portfolios and Specifications

13.1.3 Broadcom On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Broadcom Main Business Overview

13.1.5 Broadcom Latest Developments

13.2 Cisco

13.2.1 Cisco Company Information

13.2.2 Cisco On-Board Optics Modules Product Portfolios and Specifications

13.2.3 Cisco On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.2.4 Cisco Main Business Overview
- 13.2.5 Cisco Latest Developments
- 13.3 Intel
 - 13.3.1 Intel Company Information
 - 13.3.2 Intel On-Board Optics Modules Product Portfolios and Specifications
 - 13.3.3 Intel On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 Intel Main Business Overview
 - 13.3.5 Intel Latest Developments
- 13.4 Marvell
 - 13.4.1 Marvell Company Information
 - 13.4.2 Marvell On-Board Optics Modules Product Portfolios and Specifications
 - 13.4.3 Marvell On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 Marvell Main Business Overview
 - 13.4.5 Marvell Latest Developments
- 13.5 Coherent
 - 13.5.1 Coherent Company Information
 - 13.5.2 Coherent On-Board Optics Modules Product Portfolios and Specifications
 - 13.5.3 Coherent On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Coherent Main Business Overview
 - 13.5.5 Coherent Latest Developments
- 13.6 Lumentum
 - 13.6.1 Lumentum Company Information
 - 13.6.2 Lumentum On-Board Optics Modules Product Portfolios and Specifications
 - 13.6.3 Lumentum On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Lumentum Main Business Overview
 - 13.6.5 Lumentum Latest Developments
- 13.7 Ayar Labs
 - 13.7.1 Ayar Labs Company Information
 - 13.7.2 Ayar Labs On-Board Optics Modules Product Portfolios and Specifications
 - 13.7.3 Ayar Labs On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Ayar Labs Main Business Overview
 - 13.7.5 Ayar Labs Latest Developments
- 13.8 Ranovus
 - 13.8.1 Ranovus Company Information

- 13.8.2 Ranovus On-Board Optics Modules Product Portfolios and Specifications
- 13.8.3 Ranovus On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.8.4 Ranovus Main Business Overview
- 13.8.5 Ranovus Latest Developments
- 13.9 POET Technologies
 - 13.9.1 POET Technologies Company Information
 - 13.9.2 POET Technologies On-Board Optics Modules Product Portfolios and Specifications
 - 13.9.3 POET Technologies On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 POET Technologies Main Business Overview
 - 13.9.5 POET Technologies Latest Developments
- 13.10 Ciena
 - 13.10.1 Ciena Company Information
 - 13.10.2 Ciena On-Board Optics Modules Product Portfolios and Specifications
 - 13.10.3 Ciena On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Ciena Main Business Overview
 - 13.10.5 Ciena Latest Developments
- 13.11 NeoPhotonics
 - 13.11.1 NeoPhotonics Company Information
 - 13.11.2 NeoPhotonics On-Board Optics Modules Product Portfolios and Specifications
 - 13.11.3 NeoPhotonics On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 NeoPhotonics Main Business Overview
 - 13.11.5 NeoPhotonics Latest Developments
- 13.12 MACOM
 - 13.12.1 MACOM Company Information
 - 13.12.2 MACOM On-Board Optics Modules Product Portfolios and Specifications
 - 13.12.3 MACOM On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 MACOM Main Business Overview
 - 13.12.5 MACOM Latest Developments
- 13.13 Scintil Photonics
 - 13.13.1 Scintil Photonics Company Information
 - 13.13.2 Scintil Photonics On-Board Optics Modules Product Portfolios and Specifications
 - 13.13.3 Scintil Photonics On-Board Optics Modules Sales, Revenue, Price and Gross

Margin (2021-2026)

13.13.4 Scintil Photonics Main Business Overview

13.13.5 Scintil Photonics Latest Developments

13.14 Rockley Photonics

13.14.1 Rockley Photonics Company Information

13.14.2 Rockley Photonics On-Board Optics Modules Product Portfolios and Specifications

13.14.3 Rockley Photonics On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Rockley Photonics Main Business Overview

13.14.5 Rockley Photonics Latest Developments

13.15 DustPhotonics

13.15.1 DustPhotonics Company Information

13.15.2 DustPhotonics On-Board Optics Modules Product Portfolios and Specifications

13.15.3 DustPhotonics On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 DustPhotonics Main Business Overview

13.15.5 DustPhotonics Latest Developments

13.16 Furukawa Electric

13.16.1 Furukawa Electric Company Information

13.16.2 Furukawa Electric On-Board Optics Modules Product Portfolios and Specifications

13.16.3 Furukawa Electric On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Furukawa Electric Main Business Overview

13.16.5 Furukawa Electric Latest Developments

13.17 Sumitomo Electric

13.17.1 Sumitomo Electric Company Information

13.17.2 Sumitomo Electric On-Board Optics Modules Product Portfolios and Specifications

13.17.3 Sumitomo Electric On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Sumitomo Electric Main Business Overview

13.17.5 Sumitomo Electric Latest Developments

13.18 InnoLight Technology

13.18.1 InnoLight Technology Company Information

13.18.2 InnoLight Technology On-Board Optics Modules Product Portfolios and Specifications

13.18.3 InnoLight Technology On-Board Optics Modules Sales, Revenue, Price and

Gross Margin (2021-2026)

13.18.4 InnoLight Technology Main Business Overview

13.18.5 InnoLight Technology Latest Developments

13.19 Accelink Technologies

13.19.1 Accelink Technologies Company Information

13.19.2 Accelink Technologies On-Board Optics Modules Product Portfolios and Specifications

13.19.3 Accelink Technologies On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.19.4 Accelink Technologies Main Business Overview

13.19.5 Accelink Technologies Latest Developments

13.20 Eoptolink Technology

13.20.1 Eoptolink Technology Company Information

13.20.2 Eoptolink Technology On-Board Optics Modules Product Portfolios and Specifications

13.20.3 Eoptolink Technology On-Board Optics Modules Sales, Revenue, Price and Gross Margin (2021-2026)

13.20.4 Eoptolink Technology Main Business Overview

13.20.5 Eoptolink Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. On-Board Optics Modules Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. On-Board Optics Modules Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of 100G OBO Modules

Table 4. Major Players of 200G OBO Modules

Table 5. Major Players of 400G OBO Modules

Table 6. Major Players of 800G OBO Modules

Table 7. Major Players of 1.6T OBO Modules

Table 8. Global On-Board Optics Modules Sales by Type (2021-2026) & (K Units)

Table 9. Global On-Board Optics Modules Sales Market Share by Type (2021-2026)

Table 10. Global On-Board Optics Modules Revenue by Type (2021-2026) & (\$ million)

Table 11. Global On-Board Optics Modules Revenue Market Share by Type (2021-2026)

Table 12. Global On-Board Optics Modules Sale Price by Type (2021-2026) & (US\$/Unit)

Table 13. Major Players of 850 nm

Table 14. Major Players of 1310 nm

Table 15. Major Players of 1550 nm

Table 16. Global On-Board Optics Modules Sales by Wavelength (2021-2026) & (K Units)

Table 17. Global On-Board Optics Modules Sales Market Share by Wavelength (2021-2026)

Table 18. Global On-Board Optics Modules Revenue by Wavelength (2021-2026) & (\$ million)

Table 19. Global On-Board Optics Modules Revenue Market Share by Wavelength (2021-2026)

Table 20. Global On-Board Optics Modules Sale Price by Wavelength (2021-2026) & (US\$/Unit)

Table 21. Global On-Board Optics Modules Sale by Application (2021-2026) & (K Units)

Table 22. Global On-Board Optics Modules Sale Market Share by Application (2021-2026)

Table 23. Global On-Board Optics Modules Revenue by Application (2021-2026) & (\$ million)

Table 24. Global On-Board Optics Modules Revenue Market Share by Application

(2021-2026)

Table 25. Global On-Board Optics Modules Sale Price by Application (2021-2026) & (US\$/Unit)

Table 26. Global On-Board Optics Modules Sales by Company (2021-2026) & (K Units)

Table 27. Global On-Board Optics Modules Sales Market Share by Company (2021-2026)

Table 28. Global On-Board Optics Modules Revenue by Company (2021-2026) & (\$ millions)

Table 29. Global On-Board Optics Modules Revenue Market Share by Company (2021-2026)

Table 30. Global On-Board Optics Modules Sale Price by Company (2021-2026) & (US\$/Unit)

Table 31. Key Manufacturers On-Board Optics Modules Producing Area Distribution and Sales Area

Table 32. Players On-Board Optics Modules Products Offered

Table 33. On-Board Optics Modules Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 34. New Products and Potential Entrants

Table 35. Market M&A Activity & Strategy

Table 36. Global On-Board Optics Modules Sales by Geographic Region (2021-2026) & (K Units)

Table 37. Global On-Board Optics Modules Sales Market Share Geographic Region (2021-2026)

Table 38. Global On-Board Optics Modules Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 39. Global On-Board Optics Modules Revenue Market Share by Geographic Region (2021-2026)

Table 40. Global On-Board Optics Modules Sales by Country/Region (2021-2026) & (K Units)

Table 41. Global On-Board Optics Modules Sales Market Share by Country/Region (2021-2026)

Table 42. Global On-Board Optics Modules Revenue by Country/Region (2021-2026) & (\$ millions)

Table 43. Global On-Board Optics Modules Revenue Market Share by Country/Region (2021-2026)

Table 44. Americas On-Board Optics Modules Sales by Country (2021-2026) & (K Units)

Table 45. Americas On-Board Optics Modules Sales Market Share by Country (2021-2026)

Table 46. Americas On-Board Optics Modules Revenue by Country (2021-2026) & (\$ millions)

Table 47. Americas On-Board Optics Modules Sales by Type (2021-2026) & (K Units)

Table 48. Americas On-Board Optics Modules Sales by Application (2021-2026) & (K Units)

Table 49. APAC On-Board Optics Modules Sales by Region (2021-2026) & (K Units)

Table 50. APAC On-Board Optics Modules Sales Market Share by Region (2021-2026)

Table 51. APAC On-Board Optics Modules Revenue by Region (2021-2026) & (\$ millions)

Table 52. APAC On-Board Optics Modules Sales by Type (2021-2026) & (K Units)

Table 53. APAC On-Board Optics Modules Sales by Application (2021-2026) & (K Units)

Table 54. Europe On-Board Optics Modules Sales by Country (2021-2026) & (K Units)

Table 55. Europe On-Board Optics Modules Revenue by Country (2021-2026) & (\$ millions)

Table 56. Europe On-Board Optics Modules Sales by Type (2021-2026) & (K Units)

Table 57. Europe On-Board Optics Modules Sales by Application (2021-2026) & (K Units)

Table 58. Middle East & Africa On-Board Optics Modules Sales by Country (2021-2026) & (K Units)

Table 59. Middle East & Africa On-Board Optics Modules Revenue Market Share by Country (2021-2026)

Table 60. Middle East & Africa On-Board Optics Modules Sales by Type (2021-2026) & (K Units)

Table 61. Middle East & Africa On-Board Optics Modules Sales by Application (2021-2026) & (K Units)

Table 62. Key Market Drivers & Growth Opportunities of On-Board Optics Modules

Table 63. Key Market Challenges & Risks of On-Board Optics Modules

Table 64. Key Industry Trends of On-Board Optics Modules

Table 65. On-Board Optics Modules Raw Material

Table 66. Key Suppliers of Raw Materials

Table 67. On-Board Optics Modules Distributors List

Table 68. On-Board Optics Modules Customer List

Table 69. Global On-Board Optics Modules Sales Forecast by Region (2027-2032) & (K Units)

Table 70. Global On-Board Optics Modules Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 71. Americas On-Board Optics Modules Sales Forecast by Country (2027-2032) & (K Units)

Table 72. Americas On-Board Optics Modules Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 73. APAC On-Board Optics Modules Sales Forecast by Region (2027-2032) & (K Units)

Table 74. APAC On-Board Optics Modules Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 75. Europe On-Board Optics Modules Sales Forecast by Country (2027-2032) & (K Units)

Table 76. Europe On-Board Optics Modules Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 77. Middle East & Africa On-Board Optics Modules Sales Forecast by Country (2027-2032) & (K Units)

Table 78. Middle East & Africa On-Board Optics Modules Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. Global On-Board Optics Modules Sales Forecast by Type (2027-2032) & (K Units)

Table 80. Global On-Board Optics Modules Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 81. Global On-Board Optics Modules Sales Forecast by Application (2027-2032) & (K Units)

Table 82. Global On-Board Optics Modules Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 83. Broadcom Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 84. Broadcom On-Board Optics Modules Product Portfolios and Specifications

Table 85. Broadcom On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. Broadcom Main Business

Table 87. Broadcom Latest Developments

Table 88. Cisco Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 89. Cisco On-Board Optics Modules Product Portfolios and Specifications

Table 90. Cisco On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Cisco Main Business

Table 92. Cisco Latest Developments

Table 93. Intel Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 94. Intel On-Board Optics Modules Product Portfolios and Specifications

Table 95. Intel On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Intel Main Business

Table 97. Intel Latest Developments

Table 98. Marvell Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 99. Marvell On-Board Optics Modules Product Portfolios and Specifications

Table 100. Marvell On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Marvell Main Business

Table 102. Marvell Latest Developments

Table 103. Coherent Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 104. Coherent On-Board Optics Modules Product Portfolios and Specifications

Table 105. Coherent On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Coherent Main Business

Table 107. Coherent Latest Developments

Table 108. Lumentum Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 109. Lumentum On-Board Optics Modules Product Portfolios and Specifications

Table 110. Lumentum On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Lumentum Main Business

Table 112. Lumentum Latest Developments

Table 113. Ayar Labs Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 114. Ayar Labs On-Board Optics Modules Product Portfolios and Specifications

Table 115. Ayar Labs On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Ayar Labs Main Business

Table 117. Ayar Labs Latest Developments

Table 118. Ranovus Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 119. Ranovus On-Board Optics Modules Product Portfolios and Specifications

Table 120. Ranovus On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Ranovus Main Business

Table 122. Ranovus Latest Developments

Table 123. POET Technologies Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 124. POET Technologies On-Board Optics Modules Product Portfolios and Specifications

Table 125. POET Technologies On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. POET Technologies Main Business

Table 127. POET Technologies Latest Developments

Table 128. Ciena Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 129. Ciena On-Board Optics Modules Product Portfolios and Specifications

Table 130. Ciena On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Ciena Main Business

Table 132. Ciena Latest Developments

Table 133. NeoPhotonics Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 134. NeoPhotonics On-Board Optics Modules Product Portfolios and Specifications

Table 135. NeoPhotonics On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. NeoPhotonics Main Business

Table 137. NeoPhotonics Latest Developments

Table 138. MACOM Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 139. MACOM On-Board Optics Modules Product Portfolios and Specifications

Table 140. MACOM On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. MACOM Main Business

Table 142. MACOM Latest Developments

Table 143. Scintil Photonics Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 144. Scintil Photonics On-Board Optics Modules Product Portfolios and Specifications

Table 145. Scintil Photonics On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 146. Scintil Photonics Main Business

Table 147. Scintil Photonics Latest Developments

Table 148. Rockley Photonics Basic Information, On-Board Optics Modules

Manufacturing Base, Sales Area and Its Competitors

Table 149. Rockley Photonics On-Board Optics Modules Product Portfolios and Specifications

Table 150. Rockley Photonics On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 151. Rockley Photonics Main Business

Table 152. Rockley Photonics Latest Developments

Table 153. DustPhotonics Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 154. DustPhotonics On-Board Optics Modules Product Portfolios and Specifications

Table 155. DustPhotonics On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 156. DustPhotonics Main Business

Table 157. DustPhotonics Latest Developments

Table 158. Furukawa Electric Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 159. Furukawa Electric On-Board Optics Modules Product Portfolios and Specifications

Table 160. Furukawa Electric On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 161. Furukawa Electric Main Business

Table 162. Furukawa Electric Latest Developments

Table 163. Sumitomo Electric Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 164. Sumitomo Electric On-Board Optics Modules Product Portfolios and Specifications

Table 165. Sumitomo Electric On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 166. Sumitomo Electric Main Business

Table 167. Sumitomo Electric Latest Developments

Table 168. InnoLight Technology Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 169. InnoLight Technology On-Board Optics Modules Product Portfolios and Specifications

Table 170. InnoLight Technology On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 171. InnoLight Technology Main Business

Table 172. InnoLight Technology Latest Developments

Table 173. Accelink Technologies Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 174. Accelink Technologies On-Board Optics Modules Product Portfolios and Specifications

Table 175. Accelink Technologies On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 176. Accelink Technologies Main Business

Table 177. Accelink Technologies Latest Developments

Table 178. Eoptolink Technology Basic Information, On-Board Optics Modules Manufacturing Base, Sales Area and Its Competitors

Table 179. Eoptolink Technology On-Board Optics Modules Product Portfolios and Specifications

Table 180. Eoptolink Technology On-Board Optics Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 181. Eoptolink Technology Main Business

Table 182. Eoptolink Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of On-Board Optics Modules
- Figure 2. On-Board Optics Modules Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global On-Board Optics Modules Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global On-Board Optics Modules Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. On-Board Optics Modules Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. On-Board Optics Modules Sales Market Share by Country/Region (2025)
- Figure 10. On-Board Optics Modules Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of 100G OBO Modules
- Figure 12. Product Picture of 200G OBO Modules
- Figure 13. Product Picture of 400G OBO Modules
- Figure 14. Product Picture of 800G OBO Modules
- Figure 15. Product Picture of 1.6T OBO Modules
- Figure 16. Global On-Board Optics Modules Sales Market Share by Type in 2026
- Figure 17. Global On-Board Optics Modules Revenue Market Share by Type (2021-2026)
- Figure 18. Product Picture of 850 nm
- Figure 19. Product Picture of 1310 nm
- Figure 20. Product Picture of 1550 nm
- Figure 21. Global On-Board Optics Modules Sales Market Share by Wavelength in 2026
- Figure 22. Global On-Board Optics Modules Revenue Market Share by Wavelength (2021-2026)
- Figure 23. On-Board Optics Modules Consumed in Data Centers
- Figure 24. Global On-Board Optics Modules Market: Data Centers (2021-2026) & (K Units)
- Figure 25. On-Board Optics Modules Consumed in Telecommunications
- Figure 26. Global On-Board Optics Modules Market: Telecommunications (2021-2026) & (K Units)
- Figure 27. On-Board Optics Modules Consumed in Enterprise Networking
- Figure 28. Global On-Board Optics Modules Market: Enterprise Networking (2021-2026)

& (K Units)

Figure 29. On-Board Optics Modules Consumed in Others

Figure 30. Global On-Board Optics Modules Market: Others (2021-2026) & (K Units)

Figure 31. Global On-Board Optics Modules Sale Market Share by Application (2025)

Figure 32. Global On-Board Optics Modules Revenue Market Share by Application in 2025

Figure 33. On-Board Optics Modules Sales by Company in 2025 (K Units)

Figure 34. Global On-Board Optics Modules Sales Market Share by Company in 2025

Figure 35. On-Board Optics Modules Revenue by Company in 2025 (\$ millions)

Figure 36. Global On-Board Optics Modules Revenue Market Share by Company in 2025

Figure 37. Global On-Board Optics Modules Sales Market Share by Geographic Region (2021-2026)

Figure 38. Global On-Board Optics Modules Revenue Market Share by Geographic Region in 2025

Figure 39. Americas On-Board Optics Modules Sales 2021-2026 (K Units)

Figure 40. Americas On-Board Optics Modules Revenue 2021-2026 (\$ millions)

Figure 41. APAC On-Board Optics Modules Sales 2021-2026 (K Units)

Figure 42. APAC On-Board Optics Modules Revenue 2021-2026 (\$ millions)

Figure 43. Europe On-Board Optics Modules Sales 2021-2026 (K Units)

Figure 44. Europe On-Board Optics Modules Revenue 2021-2026 (\$ millions)

Figure 45. Middle East & Africa On-Board Optics Modules Sales 2021-2026 (K Units)

Figure 46. Middle East & Africa On-Board Optics Modules Revenue 2021-2026 (\$ millions)

Figure 47. Americas On-Board Optics Modules Sales Market Share by Country in 2025

Figure 48. Americas On-Board Optics Modules Revenue Market Share by Country (2021-2026)

Figure 49. Americas On-Board Optics Modules Sales Market Share by Type (2021-2026)

Figure 50. Americas On-Board Optics Modules Sales Market Share by Application (2021-2026)

Figure 51. United States On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 52. Canada On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 53. Mexico On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 54. Brazil On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 55. APAC On-Board Optics Modules Sales Market Share by Region in 2025

Figure 56. APAC On-Board Optics Modules Revenue Market Share by Region (2021-2026)

Figure 57. APAC On-Board Optics Modules Sales Market Share by Type (2021-2026)

Figure 58. APAC On-Board Optics Modules Sales Market Share by Application (2021-2026)

Figure 59. China On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 60. Japan On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 61. South Korea On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 62. Southeast Asia On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 63. India On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 64. Australia On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 65. China Taiwan On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 66. Europe On-Board Optics Modules Sales Market Share by Country in 2025

Figure 67. Europe On-Board Optics Modules Revenue Market Share by Country (2021-2026)

Figure 68. Europe On-Board Optics Modules Sales Market Share by Type (2021-2026)

Figure 69. Europe On-Board Optics Modules Sales Market Share by Application (2021-2026)

Figure 70. Germany On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 71. France On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 72. UK On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 73. Italy On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 74. Russia On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 75. Middle East & Africa On-Board Optics Modules Sales Market Share by Country (2021-2026)

Figure 76. Middle East & Africa On-Board Optics Modules Sales Market Share by Type (2021-2026)

Figure 77. Middle East & Africa On-Board Optics Modules Sales Market Share by Application (2021-2026)

Figure 78. Egypt On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 79. South Africa On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 80. Israel On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 81. Turkey On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 82. GCC Countries On-Board Optics Modules Revenue Growth 2021-2026 (\$ millions)

Figure 83. Manufacturing Cost Structure Analysis of On-Board Optics Modules in 2026

Figure 84. Manufacturing Process Analysis of On-Board Optics Modules

Figure 85. Industry Chain Structure of On-Board Optics Modules

Figure 86. Channels of Distribution

Figure 87. Global On-Board Optics Modules Sales Market Forecast by Region
(2027-2032)

Figure 88. Global On-Board Optics Modules Revenue Market Share Forecast by Region
(2027-2032)

Figure 89. Global On-Board Optics Modules Sales Market Share Forecast by Type
(2027-2032)

Figure 90. Global On-Board Optics Modules Revenue Market Share Forecast by Type
(2027-2032)

Figure 91. Global On-Board Optics Modules Sales Market Share Forecast by
Application (2027-2032)

Figure 92. Global On-Board Optics Modules Revenue Market Share Forecast by
Application (2027-2032)

I would like to order

Product name: Global On-Board Optics Modules Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GB0CFA19E296EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB0CFA19E296EN.html>