

Semiconductor Laser - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Semiconductor Laser Market is accounted for \$5.95 billion in 2017 and is expected to reach \$12.48 billion by 2026 growing at a CAGR of 8.6% from 2017 to 2026. A semiconductor laser or laser diode is a compact-size laser that emits a concentrated monochromatic light beam. Also, semiconductor lasers are natural transmitters of digital data as they can interface seamlessly with fibre optic cables used for optical communication. Factors such as increasing usage of the semiconductor laser in defense and medical sectors are fueling the market growth. However, factors like delicate assembly and low tolerance for packaging error are hindering the market growth. The boost in demand and popularity of data/information storage potential is opening several opportunities and prospects for the market growth.

Amongst Application, Healthcare segment is dominating the market growth due to the growing usage of 3D printing in the healthcare platforms are expected to increase the demand for semiconductor lasers. The recent administrative regulations pertaining to 3D printing in the healthcare vertical in countries such as the U.S. are further expected to throttle the industry growth. By geography, Asia Pacific region is projected to experience increased demand and popularity in this market due to the high manufacturing and industrialization in the region.

Some of the key players in Semiconductor Laser market include Trumpf GmbH + Co. KG, Sumitomo Electric Industries Ltd, Sharp Corporation, Rohm Company Limited, Rofin-Sinar Technologies Inc., Panasonic Semiconductor Solutions Co. Ltd, Nichia Corporation, Newport Corporation, Jenoptik AG, IPG Photonics Corporation, Han's Laser Technology Ind Group Co. Ltd, Hamamatsu Photonics KK, Finisar Corporation, Coherent Inc., Axcel Photonics Inc. and Asml Holdings N.V.

Types Covered:

Violet Lasers

Vertical Cavity Surface Emitting Lasers

Red Lasers

High Power Diode Lasers

Green Lasers

Fiber Optic Lasers

Compact Disc Lasers (CDL)

Blue Lasers

Other Types

Applications Covered:

Printing

Optical Storage Devices

Military and Defense

Lithography

Instrumentation and Sensor

Industrial

Healthcare

Display

Communication

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges,

Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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