Photonics - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global Photonics market is expected to grow from $490.26 billion in 2017 to reach $1165.92 billion by 2026 with a CAGR of 10.1%. Need for energy efficient products and increasing adoption of photonics products among various applications are some of the key factors driving the market growth. However, strict environmental regulations are hampering the market.

Photonics is the technology to facilitate merges optics with electronics. These crystals usually create awareness of both academic & industrial research, and are providing new tools for the manipulation of photons. Photonic crystals are used in information & telecommunication industry, healthcare, optics manufacturing, education & research, optical sensing energy, energy & displays, and other sectors.

By application, production technology segment has acquired significant growth. The high growth of this segment is attributed to the increasing use of photonics products to improve the process and energy efficiency of production technologies. Moreover, the LED segment is projected to lead the market during the forecast period. The growth of this segment is attributed to the rising use of relatively higher energy-efficient LEDs in the lighting and display applications.

Based on geography, Asia Pacific is estimated to grow at the highest CAGR during the forecast period due to increasing end-user industries, such as building & construction; media, broadcasting, & telecommunication; medical; industrial; and security & defense. Urbanization and the constant increasing population are also expected to increase the demand for photonics in this region.

Some of the key players in Photonics the market are Philips, Huawei Technologies, Coherent, Cisco Systems, Hitachi, Siemens, Samsung Electronics, IPG Photonics, General Electric Company, Toshiba Medical, Trumpf Group, Emerson, Nikon, Hewlett-

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Packard Company and 3S Photonics S.A.S.

Products Covered:

Consumer Electronics & Devices

Lasers, Sensors, Detectors & Imaging Devices

Optical Communication Systems & Components

Waveguides

Wavelength Division Multiplexer Filters

Amplifiers

Other Products

Applications Covered:

Production Technology

Measurement & Automated Vision

Information & Communication Technology

Displays

Medical Technology & Life Sciences

Lighting

Photovoltaic

Surveying & Detection

Data Communication

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Other Applications

End-Users Covered:

- Industrial
- Consumer & Business Automation
- Security & Defense
- Building & Construction
- Medical
- Media, Broadcasting & Telecommunication
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe

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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:

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Market share assessments for the regional and country level segments

Market share analysis of the top industry players

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 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 advancement

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