

Passive Optical Network (PON) Market Analysis By Structure (GPON, EPON, WDM-PON), By Component (OLT, ONT), By Application (FTTx, Mobile Backhaul), By Region (North America, Europe, Asia Pacific, Latin America, MEA), And Segment Forecasts, 2014 - 2025

<https://marketpublishers.com/r/P4B53BC37C9EN.html>

Date: December 2016

Pages: 95

Price: US\$ 4,950.00 (Single User License)

ID: P4B53BC37C9EN

Abstracts

The global Passive Optical Network (PON) market is expected to reach USD 43.43 billion by 2025, according to a new report conducted by Grand View Research, Inc. Passive optical network equipment offers higher efficiency with better bandwidth and utilizes larger variable length packets. The telecom operators in the industry are transitioning their switches from fiber to the business to the fiber to the home and fiber to the building rollouts leading to the growth of PON equipment.

The equipment market is consolidated in nature with few major players dominating their presence in the market. Hence, mergers and acquisitions and strategic alliances are formed to recognize the transformational value of the products associated. The advancements in the networking technologies have led to the development and adoption of optical network services.

Furthermore, the increasing focus of players on upgrading the existing networks to PON for higher broadband speed and the growing number of connected devices both outside and inside the residential complexes is anticipated to proliferate the industry.

The increasing demand for energy conservation and strong optical network setup is expected to fuel the market growth. Emerging regional markets, such as Asia Pacific, offer strong growth opportunities for the technology owing to intensive bandwidth applications.

Increasing R&D and investments from private and public sectors along with factors such as exceeding data traffic are projected to be the key drivers for the industry. The North American and European regions captured a market share of over 50% owing to increasing use of passive optical network equipment.

However, short range on the operator's premises and high installation cost at the are likely to hinder the market growth over the forecast period.

Further key findings from the report suggest:

Passive optical network is gaining attention in the market owing to the ability to implement a point-to-multipoint architecture

The GPON based equipment is projected to dominate the market with a CAGR of over 20% over the forecast period

Fiber-to-the-home (FTTH) applications of the market are gaining traction owing to the increasing adoption among the telecom carriers

The Asia Pacific market is expected to witness significant growth owing to increasing investments in research infrastructure

The major industry players in the PON market include Huawei Technologies Co. Ltd., Calix Inc., Alcatel-Lucent S.A., and ZTE Corporation

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumption
- 1.3. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

CHAPTER 3. MARKET SNAPSHOT

- 3.1. PON - Market Snapshot & Key Buying Criteria, 2014 - 2025

CHAPTER 4. INDUSTRY OUTLOOK

- 4.1. Market Segmentation & Scope
- 4.2. PON Market Size and Growth Prospects
- 4.3. PON - Value Chain Analysis
- 4.4. PON - Market Dynamics
- 4.5. Market Driver Analysis
 - 4.5.1. Eco-friendly solution
 - 4.5.2. Growth in PON equipment in Asia Pacific and European region
 - 4.5.3. Increasing FTTH deployments
- 4.6. Market Restraint Analysis
 - 4.6.1. High installation cost at the operator's interface and short range
- 4.7. Key Opportunities Prioritized
- 4.8. Industry Analysis - Porter's
- 4.9. PON- Key Company Analysis, 2015
- 4.10. PON - PEST Analysis

CHAPTER 5. PON STRUCTURE OUTLOOK

- 5.1. GPON
 - 5.1.1. Global market estimates and forecasts, 2014 - 2025 (USD Billion)
- 5.2. EPON
 - 5.2.1. Global market estimates and forecasts, 2014 - 2025 (USD Billion)
- 5.3. WDM-PON
 - 5.3.1. Global market estimates and forecasts, 2014 - 2025 (USD Billion)

CHAPTER 6. PON APPLICATION OUTLOOK

6.1. FTTx

6.1.1. Global market estimates and forecasts, 2014 - 2025 (USD Billion)

6.2. Mobile Backhaul

6.2.1. Global market estimates and forecasts, 2014 - 2025 (USD Billion)

CHAPTER 7. PON REGIONAL OUTLOOK

7.1. North America

7.1.1. PON market by structure, 2014 - 2025 (USD Billion)

7.1.2. PON market by application, 2014 - 2025 (USD Billion)

7.1.3. U.S.

7.1.3.1. PON market by structure, 2014 - 2025 (USD Billion)

7.1.3.2. PON market by application, 2014 - 2025 (USD Billion)

7.1.4. Canada

7.1.4.1. PON market by structure, 2014 - 2025 (USD Billion)

7.1.4.2. PON market by application, 2014 - 2025 (USD Billion)

7.2. Europe

7.2.1. PON market by structure, 2014 - 2025 (USD Billion)

7.2.2. PON market by application, 2014 - 2025 (USD Billion)

7.2.3. Germany

7.2.3.1. PON market by structure, 2014 - 2025 (USD Billion)

7.2.3.2. PON market by application, 2014 - 2025 (USD Billion)

7.2.4. UK

7.2.4.1. PON market by structure, 2014 - 2025 (USD Billion)

7.2.4.2. PON market by application, 2014 - 2025 (USD Billion)

7.3. Asia Pacific

7.3.1. PON market by structure, 2014 - 2025 (USD Billion)

7.3.2. PON market by application, 2014 - 2025 (USD Billion)

7.3.3. China

7.3.3.1. PON market by structure, 2014 - 2025 (USD Billion)

7.3.3.2. PON market by application, 2014 - 2025 (USD Billion)

7.3.4. Japan

7.3.4.1. PON market by structure, 2014 - 2025 (USD Billion)

7.3.4.2. PON market by application, 2014 - 2025 (USD Billion)

7.3.5. India

7.3.5.1. PON market by structure, 2014 - 2025 (USD Billion)

7.3.5.2. PON market by application, 2014 - 2025 (USD Billion)

7.4. Latin America

7.4.1. PON market by structure, 2014 - 2025 (USD Billion)

7.4.2. PON market by application, 2014 - 2025 (USD Billion)

7.4.3. Brazil

7.4.3.1. PON market by structure, 2014 - 2025 (USD Billion)

7.4.3.2. PON market by application, 2014 - 2025 (USD Billion)

7.4.4. Mexico

7.4.4.1. PON market by structure, 2014 - 2025 (USD Billion)

7.4.4.2. PON market by application, 2014 - 2025 (USD Billion)

7.5. MEA

7.5.1. PON market by structure, 2014 - 2025 (USD Billion)

7.5.2. PON market by application, 2014 - 2025 (USD Billion)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Adtran Inc.

8.1.1. Company Overview

8.1.2. Financial Performance

8.1.3. Product Benchmarking

8.1.4. Strategic Initiatives

8.2. Alcatel-Lucent S.A.

8.2.1. Company Overview

8.2.2. Financial Performance

8.2.3. Product Benchmarking

8.2.4. Strategic Initiatives

8.3. Calix, Inc.

8.3.1. Company Overview

8.3.2. Financial Performance

8.3.3. Product Benchmarking

8.3.4. Strategic Initiatives

8.4. Ericsson Inc.

8.4.1. Company Overview

8.4.2. Financial Performance

8.4.3. Product Benchmarking

8.4.4. Strategic Initiatives

8.5. Freescale Semiconductor, Inc.

8.5.1. Company Overview

8.5.2. Financial Performance

- 8.5.3. Product Benchmarking
- 8.5.4. Strategic Initiatives
- 8.6. Huawei Technologies Co., Ltd
 - 8.6.1. Company Overview
 - 8.6.2. Financial Performance
 - 8.6.3. Product Benchmarking
 - 8.6.4. Strategic Initiatives
- 8.7. Mitsubishi Electric Corporation
 - 8.7.1. Company Overview
 - 8.7.2. Financial Performance
 - 8.7.3. Product Benchmarking
 - 8.7.4. Strategic Initiatives
- 8.8. Motorola Solutions Inc.
 - 8.8.1. Company Overview
 - 8.8.2. Financial Performance
 - 8.8.3. Product Benchmarking
 - 8.8.4. Strategic Initiatives
- 8.9. Tellabs, Inc.
 - 8.9.1. Company Overview
 - 8.9.2. Financial Performance
 - 8.9.3. Product Benchmarking
 - 8.9.4. Strategic Initiatives
- 8.10. Verizon Communications, Inc
 - 8.10.1. Company Overview
 - 8.10.2. Financial Performance
 - 8.10.3. Product Benchmarking
 - 8.10.4. Strategic Initiatives
- 8.11. ZTE Corporation
 - 8.11.1. Company Overview
 - 8.11.2. Financial Performance
 - 8.11.3. Product Benchmarking
 - 8.11.4. Strategic Initiatives

List Of Tables

LIST OF TABLES

- TABLE 1 PON- Industry Snapshot &Key Buying Criteria, 2013 - 2024
- TABLE 2 Global PON market, 2014 - 2024 (USD Billion)
- TABLE 3 Global PON market estimates and forecasts by structure, 2014 - 2024 (USD Billion)
- TABLE 4 Global PON market estimates and forecasts by application, 2014 - 2024 (USD Billion)
- TABLE 5 Global GPON market by region, 2014 - 2025 (USD Billion)
- TABLE 6 Global EPON market by region, 2014 - 2025 (USD Billion)
- TABLE 6 Global WDM-PON market by region, 2014 - 2025 (USD Billion)
- TABLE 7 Global FTTx market by region, 2014 - 2024 (USD Billion)
- TABLE 8 Global mobile backhaul market by region, 2014 - 2025 (USD Billion)
- TABLE 9 North America PON market by structure, 2014 - 2024 (USD Billion)
- TABLE 10 North America GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 11 North America EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 12 North America PON market by application, 2014 - 2025 (USD Billion)
- TABLE 13 U.S. PON market by structure, 2014 - 2025 (USD Billion)
- TABLE 14 U.S. GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 15 U.S. EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 16 U.S. PON market by application, 2014 - 2025 (USD Billion)
- TABLE 17 Canada PON market by structure, 2014 - 2025 (USD Billion)
- TABLE 18 Canada GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 19 Canada EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 20 Canada PON market by application, 2014 - 2025 (USD Billion)
- TABLE 21 Mexico PON market by structure, 2014 - 2025 (USD Billion)
- TABLE 22 Mexico GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 23 Mexico EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 24 Mexico PON market by application, 2014 - 2025 (USD Billion)
- TABLE 25 Europe PON market by structure, 2014 - 2025 (USD Billion)
- TABLE 26 Europe GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 27 Europe. EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 28 Europe PON market by application, 2014 - 2025 (USD Billion)
- TABLE 29 Germany PON market by structure, 2014 - 2025 (USD Billion)
- TABLE 30 Germany GPON market by component, 2014 - 2025 (USD Billion)
- TABLE 31 Germany EPON market by component, 2014 - 2025 (USD Billion)
- TABLE 32 Germany PON market by application, 2014 - 2024 (USD Billion)

TABLE 33 UK PON market by structure, 2014 - 2025 (USD Billion)

TABLE 34 UK GPON market by component, 2014 - 2025 (USD Billion)

TABLE 35 UK EPON market by component, 2014 - 2025 (USD Billion)

TABLE 36 UK PON market by application, 2014 - 2025 (USD Billion)

TABLE 37 Asia Pacific PON market by structure, 2014 - 2025 (USD Billion)

TABLE 38 Asia Pacific GPON market by component, 2014 - 2025 (USD Billion)

TABLE 39 Asia Pacific EPON market by component, 2014 - 2025 (USD Billion)

TABLE 40 Asia Pacific PON market by application, 2014 - 2025 (USD Billion)

TABLE 41 Japan PON market by structure, 2014 - 2025 (USD Billion)

TABLE 42 Japan GPON market by component, 2014 - 2025 (USD Billion)

TABLE 43 Japan EPON market by component, 2014 - 2025 (USD Billion)

TABLE 44 Japan PON market by application, 2014 - 2025 (USD Billion)

TABLE 45 China PON market by structure, 2014 - 2025 (USD Billion)

TABLE 46 China GPON market by component, 2014 - 2025 (USD Billion)

TABLE 47 China EPON market by component, 2014 - 2025 (USD Billion)

TABLE 48 China PON market by application, 2014 - 2025 (USD Billion)

TABLE 49 India PON market by structure, 2014 - 2025 (USD Billion)

TABLE 50 India GPON market by component, 2014 - 2025 (USD Billion)

TABLE 51 India EPON market by component, 2014 - 2025 (USD Billion)

TABLE 52 India PON market by application, 2014 - 2025 (USD Billion)

TABLE 53 South America PON market by structure, 2014 - 2025 (USD Billion)

TABLE 54 South America GPON market by component, 2014 - 2025 (USD Billion)

TABLE 55 South America EPON market by component, 2014 - 2025 (USD Billion)

TABLE 56 South America PON market by application, 2014 - 2025 (USD Billion)

TABLE 57 Brazil PON market by structure, 2014 - 2025 (USD Billion)

TABLE 58 Brazil GPON market by component, 2014 - 2025 (USD Billion)

TABLE 59 Brazil EPON market by component, 2014 - 2025 (USD Billion)

TABLE 60 Brazil PON market by application, 2014 - 2025 (USD Billion)

TABLE 61 MEA PON market by structure, 2014 - 2025 (USD Billion)

TABLE 62 MEA GPON market by component, 2014 - 2025 (USD Billion)

TABLE 63 MEA EPON market by component, 2014 - 2025 (USD Billion)

TABLE 64 MEA PON market by application, 2014 - 2025 (USD Billion)

List Of Figures

LIST OF FIGURES

- FIG. 1 Market segmentation
- FIG. 2 PON market size and growth prospects
- FIG. 3 PON- Value chain analysis
- FIG. 4 Market dynamics
- FIG. 5 Porter's five forces analysis
- FIG. 6 Penetration & growth prospect mapping
- FIG. 7 PON- PEST analysis
- FIG. 8 PON market product outlook key takeaways
- FIG. 9 PON market: Product movement analysis
- FIG. 10 Global GPON market, 2014 - 2025 (USD Billion)
- FIG. 11 Global EPON market, 2014 - 2025 (USD Billion)
- FIG. 12 Global WDM-PON market, 2014 - 2025 (USD Billion)
- FIG. 13 PON market application outlook key takeaways
- FIG. 14 PON market: Application movement analysis
- FIG. 15 Global PON market for FTTx, 2014 - 2025 (USD Billion)
- FIG. 16 Global PON market for mobile backhaul, 2014 - 2024 (USD Billion)
- FIG. 17 Regional marketplace: Key takeaways
- FIG. 18 Regional outlook, 2015 & 2024
- FIG. 19 North America PON market by structure, 2013 - 2025 (USD Billion)
- FIG. 20 North America PON market by application, 2014 - 2025 (USD Billion)
- FIG. 21 Europe PON market by structure, 2014 - 2025 (USD Billion)
- FIG. 22 Europe PON market by application, 2013 - 2025 (USD Billion)
- FIG. 23 Asia Pacific PON market by structure, 2013 - 2025 (USD Billion)
- FIG. 24 Asia Pacific PON market by application, 2013 - 2025 (USD Billion)
- FIG. 25 Latin America PON market by structure, 2013 - 2025 (USD Billion)
- FIG. 26 Latin America PON market by application, 2014 - 2025 (USD Billion)
- FIG. 27 MEA PON market by structure, 2014 - 2025 (USD Billion)
- FIG. 28 MEA PON market by application, 2013 - 2025 (USD Billion)

I would like to order

Product name: Passive Optical Network (PON) Market Analysis By Structure (GPON, EPON, WDM-PON), By Component (OLT, ONT), By Application (FTTx, Mobile Backhaul), By Region (North America, Europe, Asia Pacific, Latin America, MEA), And Segment Forecasts, 2014 - 2025

Product link: <https://marketpublishers.com/r/P4B53BC37C9EN.html>

Price: US\$ 4,950.00 (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/P4B53BC37C9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970