Display Market by Technology (LED-backlit LCD, OLED, QD-LED, E-Paper), Display Type (Flat, Flexible, Transparent), Application (Smartphone & Tablet, TV & Digital Signage, PC Monitor & Laptop), Vertical, and Geography - Global Forecast to 2022

Description: "High growth of the flexible display market and rising demand for OLED-based devices are the major drivers for the display market."

The display market was valued at USD 106.41 billion in 2015 and is expected to reach USD 169.17 billion by 2022, at a CAGR of 7.5% between 2016 and 2022. The requirement for energy-efficient, attractive, and high specification display products in several industries; high growth of the flexible display market; and rising demand for OLED-based devices are the major drivers for the market. Factors such as high cost associated with new technology-based products and saturated shipment volumes of TVs and PC monitors are restraining the growth of the market.

"Smart wearable are expected to grow at the highest rate in the display market."

There is a huge market potential for display devices in the consumer electronics vertical on the back of increasing demand for devices such as TVs, smartphones, and smart wearables. Smart wearables are expected to witness high growth in shipments during the forecast period due to enhanced demand for such devices-especially smart watches. This is expected to drive the display market for smart wearables.

"Devices based on Quantum dot and OLED technology are expected to witness the highest growth in the display market"

Both Quantum dot LED and OLED technologies are new to the market compared with LED-backlit LCD. These technologies offer high picture quality and ultra-thin designs at low power consumption. These features are expected to drive the market for QD-LED and OLED technologies. Quantum dot technology is expected to achieve the highest growth in the market during the forecast period, but its share is expected to be low as it is in development phase and yet to be commercialized for other applications, apart from TVs.

"North America to hold the largest market size and APAC to witness the highest growth in the display market"

North America is expected to continue to hold the largest share in the display market owing to the high adoption rate of the latest technologies, especially in the consumer electronics and retail verticals. The APAC market is expected to grow at the highest rate due to the presence of major display panel and brand product manufacturers in the region-companies usually launch their new products or technologies in their native regions. Early exposure to the latest display products is the driving factor for the growth of the market in the consumer electronics and other industries in APAC.

Extensive primary interviews have been conducted with key people in the industry to determine and verify the market size of several segments and subsegments that were gathered through secondary research.

The breakup of the primary participants has been shown below:

- By Company Type: Tier 1 - 15 %, Tier 2 - 60%, and Tier 3 - 25%
- By Designation: C-Level Executives - 20%, Directors - 35%, and Others - 45%
- By Region: North America - 35%, APAC - 45%, Europe - 15%, and ROW - 5%

The report also profiles the key players in the display market. The prominent players profiled in this report are LG Display Co., Ltd. (South Korea), Samsung Electronics Co., Ltd. (South Korea), AU Optronics Corp. (Taiwan), Innolux Corp. (Taiwan), Japan Display Inc., (Japan), Sharp Corp. (Japan), BOE Technology Group Co. (China), Hannstar Display Corp. (Taiwan), Varitronix International Limited (Hong Kong), TCL Display Technology Holdings Limited (Hong Kong), Universal Display Corp. (U.S.), and E Ink Holdings Inc. (Taiwan) among others
Research Coverage:

This research report categorizes the market by technology, display type, vertical, application, and geography. It provides Porter’s five forces analysis, along with the description of each of its forces and their impact on the market. The report also discusses major drivers, restraints, challenges, and opportunities for the market. Key players have been strategically profiled across the value chain.

Key Benefits of Buying the Report:

The report will help leaders/new entrants in this market in the following ways:

1. This report segments the display market comprehensively and provides the closest market size estimation for major industry verticals and applications across various regions.
2. The report will allow stakeholders to understand the pulse of the market through the information on drivers, restraints, challenges, and opportunities for the market.
3. This report will help stakeholders better understand their competitors and gain insights on ways to improve their position in the business. The competitive landscape section includes the competitor ecosystem, new product developments, partnerships, and mergers and acquisitions.

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Study Scope
      1.3.1 Markets Covered
      1.3.2 Geographic Scope
      1.3.3 Years Considered for the Study
   1.4 Currency
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Display Market: Scope Definition
      2.1.1 Research Data
         2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Breakdown of Primaries
         2.1.2.2 Key Industry Insights
      2.1.3 Market Size Estimation
         2.1.3.1 Bottom-Up and Top-Down Methodology
      2.1.4 Bottom-Up Approach
         2.1.4.1 Approach for Capturing Market Share By Bottom-Up Analysis (Demand Side)
      2.1.5 Top-Down Approach
         2.1.5.1 Approach for Capturing the Market Share By Top-Down Analysis (Supply Side)
   2.2 Market Breakdown and Data Triangulation
   2.3 Research Assumptions

3 Executive Summary

4 Premium Insights
   4.1 Attractive Opportunities for the Growth of the Display Market
   4.2 Transparent Panel Displays in the Market Expected to Grow at the Highest Rate
   4.3 Quantum Dot LED Technology in the Market Expected to Grow at the Highest Rate
   4.4 Market in APAC Expected to Grow at the Highest Rate
   4.5 DMarket in Smart Wearables Segment Expected to Grow at the Highest Rate

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
      5.2.1 By Technology
      5.2.2 By Display Type
      5.2.3 By Application
5.2.4 By Vertical
5.2.5 By Geography
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 High Growth of the Flexible Display Market
5.3.1.2 Rising Demand for OLED-Based Devices
5.3.1.3 Technological Shift and Development of Energy-Efficient, Attractive, and High-Specification Display Products
5.3.2 Restraints
5.3.2.1 High Cost Associated With New Display Technology-Based Products
5.3.2.2 Saturated Shipment Volumes for TV and PC Monitors in 2014 and 2015
5.3.3 Opportunities
5.3.3.1 High Growth of Smart Wearables Market
5.3.3.2 Emerging Applications for Flexible Displays
5.3.4 Challenges
5.3.4.1 Fluctuating Average Selling Price of Display Panels

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
6.3.1 Intensity of Competitive Rivalry
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Buyers
6.3.4 Bargaining Power of Suppliers
6.3.5 Threat of New Entrants

7 Display Market, By Technology
7.1 Introduction
7.2 LED-Backlit LCD Display
7.3 OLED Display
7.3.1 OLED Types
7.3.1.1 Pmoled Display
7.3.1.2 Amoled Display
7.3.2 OLED Display Panel Sizes
7.3.2.1 Small OLED Panels
7.3.2.2 Medium-Sized OLED Panels
7.3.2.3 Large OLED Panels
7.3.3 OLED Display Panel Type
7.3.3.1 Flat Panel OLED
7.3.3.2 Flexible OLED
7.3.3.3 Transparent OLED
7.3.4 OLED Applications
7.3.4.1 Smartphones
7.3.4.2 Television
7.3.4.3 Notebooks and Tablets
7.3.4.4 Smart Wearables
7.3.4.5 Automotive Products
7.3.4.6 Others
7.4 Quantum Dot LED Display
7.4.1 QD-LED Advantages Over Existing Display Technologies
7.5 E-Paper Display
7.6 Laser Phosphor Display (LPD)
7.7 Interferometric Modulator Display (IMOD)

8 Display Market, By Display Type
8.1 Introduction
8.2 Flat Panel Display
8.3 Flexible Panel Display
8.4 Transparent Panel Display

9 Display Market, By Application
9.1 Introduction
9.2 Television and Digital Signage
9.3 PC Monitor and Laptop
9.4 Smartphone and Tablet
9.5 Smart Wearables
9.6 Vehicle and Public Transport
9.7 E-Reader
9.8 Gaming Consoles, Sports, and Entertainment
9.9 Smart Home Appliances
9.10 Others

10 Display Market, By Vertical
10.1 Introduction
10.2 Consumer Electronics
10.3 Automotive and Aerospace
10.4 Healthcare
10.5 Transportation
10.6 Retail
10.7 Banking, Financial Services, and Insurance (BFSI)
10.8 Government and Defense
10.9 Industrial
10.10 Others (Education and Hospitality)

11 Display Market, By Geography
11.1 Introduction
11.2 North America
   11.2.1 U.S.
   11.2.2 Canada
   11.2.3 Mexico
11.3 Europe
   11.3.1 U.K.
   11.3.2 Germany
   11.3.3 France
   11.3.4 Rest of Europe
11.4 Asia-Pacific (APAC)
   11.4.1 China
   11.4.2 Japan
   11.4.3 South Korea
   11.4.4 Rest of APAC
11.5 Rest of the World (RoW)
   11.5.1 Middle East
   11.5.2 Africa
   11.5.3 South America

12 Competitive Landscape
12.1 Overview
12.2 Market Ranking Analysis: Display Market
12.3 Competition and Trends
   12.3.1 New Product Launches, Developments, and Mass Production
   12.3.2 Company Expansion
   12.3.3 Partnerships, Agreements, Contracts, and Collaborations
   12.3.4 Mergers and Acquisitions
12.4 Innovators Or Start-Ups

13 Company Profiles
(Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)
   13.1 Introduction
   13.2 LG Display Co., Ltd.
   13.3 Samsung Electronics Co., Ltd
   13.4 Innolux Corp.
   13.5 AU Optronics Corp.
   13.6 Japan Display Inc.
   13.7 BOE Technology Group Co., Ltd.
13.8 Sharp Corp. (Foxconn)
13.9 Hannstar Display Corporation
13.10 Varitronix International Limited
13.11 TCL Display Technology Holdings Limited
13.12 Universal Display Corp.
13.13 E Ink Holdings, Inc.

- Details on Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments Might Not Be Captured in Case of Unlisted Companies.

List of Tables

Table 1 List of Major Secondary Sources
Table 2 Display Market Size, By Technology, 2013-2022 (USD Million)
Table 3 LED Display, By Size
Table 4 LED-Backlit LCD-Based Display Market Size, By Application, 2013-2022 (USD Million)
Table 5 LED-Backlit LCD-Based Display Market Size, By Device Type, 2013-2022 (USD Million)
Table 6 LED-Backlit LCD-Based Display Market Size, By Vertical, 2013-2022 (USD Million)
Table 7 LED-Backlit LCD: Display Market Size, By Geography, 2013-2022 (USD Billion)
Table 8 OLED Display Market, By Vertical, 2013-2022 (USD Million)
Table 9 OLED Display Market Size, By Geography, 2013-2022 (USD Million)
Table 10 OLED Display Market Size, By OLED Type, 2013-2022 (USD Million)
Table 11 OLED Display Market Size, By Device Type, 2013-2022 (USD Million)
Table 12 QD-LED Display Market Size, By Application, 2013-2022 (USD Million)
Table 13 QD-LED Display Market Size, By Device Type, 2013-2022 (USD Million)
Table 14 QD-LED Display Market Size, By Vertical, 2013-2022 (USD Million)
Table 15 QD-LED Display Market Size, By Geography, 2013-2022 (USD Million)
Table 16 E-Paper Display Market Size, By Application, 2013-2022 (USD Million)
Table 17 E-Paper Display Market Size, By Device Type, 2013-2022 (USD Million)
Table 18 E-Paper Display Market Size, By Vertical, 2013-2022 (USD Million)
Table 19 E-Paper Display Market Size, By Geography, 2013-2022 (USD Million)
Table 20 LPD Display Market Size, By Application, 2013-2022 (USD Million)
Table 21 LPD Display Market Size, By Vertical, 2013-2022 (USD Million)
Table 22 LPD Display Market Size, By Geography, 2013-2022 (USD Million)
Table 23 Market Size, By Display Type, 2013-2022 (USD Million)
Table 24 Flat Panel Display Market Size, By Technology, 2013-2022 (USD Million)
Table 25 Flexible Panel Display Market Size, By Technology, 2013-2022 (USD Million)
Table 26 Transparent Panel Display Market Size, By Technology, 2013-2022 (USD Million)
Table 27 Market Size, By Application, 2013-2022 (USD Billion)
Table 28 TV and Digital Signage Display Market Size, By Technology, 2013-2022 (USD Million)
Table 29 TV and Digital Signage Market Size, By Device Type, 2013-2022 (USD Million)
Table 30 PC Monitor and Laptop Display Market Size, By Technology, 2013-2022 (USD Million)
Table 31 PC Monitor and Laptop Market Size, By Device Type, 2013-2022 (USD Million)
Table 32 Smartphone and Tablet Display Market Size, By Technology, 2013-2022 (USD Million)
Table 33 Smartphone and Tablet Market Size, By Device Type, 2013-2022 (USD Million)
Table 34 Smart Wearables Display Market Size, By Technology, 2013-2022 (USD Million)
Table 35 Smart Wearables Market Size, By Device Type, 2013-2022 (USD Million)
Table 36 Vehicle and Public Transport Display Market Size, By Technology, 2013-2022 (USD Million)
Table 37 E-Reader Display Market Size, By Technology, 2013-2022 (USD Million)
Table 38 E-Reader Market Size, By Device Type, 2013-2022 (USD Million)
Table 39 Gaming Consoles, Sports, and Entertainment Display Market Size, By Technology, 2013-2022 (USD Million)
Table 40 Gaming Consoles, Sports, and Entertainment Market Size, By Device Type, 2013-2022 (USD Million)
Table 41 Smart Home Appliances Display Market Size, By Technology, 2013-2022 (USD Million)
Table 42 Smart Home Appliances Market Size, By Device Type, 2013-2022 (USD Million)
Table 43 Other Applications Display Market Size, By Technology, 2013-2022 (USD Million)
Table 44 Other Applications Market Size, By Device Type, 2013-2022 (USD Million)
Table 45 Market Size, By Vertical, 2013-2022 (USD Billion)
Table 46 Consumer Electronics Display Market Size, By Technology, 2013-2022 (USD Million)
Table 47 Automotive and Aerospace Display Market Size, By Technology, 2013-2022 (USD Million)
Table 48 Healthcare Display Market Size, By Technology, 2013-2022 (USD Million)
Table 49 Transportation Display Market Size, By Technology, 2013-2022 (USD Million)
Table 50 Retail Display Market Size, By Technology, 2013-2022 (USD Million)
Table 51 BFSI Display Market Size, By Technology, 2013-2022 (USD Million)
Table 52 Government and Defense Display Market Size, By Technology, 2013-2022 (USD Million)
Table 53 Industrial Display Market Size, By Technology, 2013-2022 (USD Million)
Table 54 Others Applications Display Market Size, By Technology, 2013-2022 (USD Million)
Table 55 Market Size, By Geography, 2013-2022 (USD Billion)
Table 56 North America: Market Size, By Technology, 2013-2022 (USD Million)
Table 57 North America: Market Size, By Country, 2013-2022 (USD Billion)
Table 58 Europe: Market Size, By Technology, 2013-2022 (USD Million)
Table 59 Europe: Market Size, By Country, 2013-2022 (USD Billion)
Table 60 APAC: Market Size, By Technology, 2013-2022 (USD Million)
Table 61 APAC: Market Size, By Country, 2013-2022 (USD Billion)
Table 62 RoW: Market Size, By Technology, 2013-2022 (USD Million)
Table 63 RoW: Market Size, By Region, 2013-2022 (USD Billion)
Table 64 Key Player Market Ranking, 2015
Table 65 New Product Launches, Development, and Mass Production, 2015-2016
Table 66 Company Expansion, 2015-2016
Table 67 Partnerships, Agreements, Contracts, and Collaborations, 2015-2016
Table 68 Mergers and Acquisitions 2015-2016

List of Figures

Figure 1 Market Segmentation
Figure 2 Market, By Geography
Figure 3 Market: Process Flow of Market Size Estimation
Figure 4 Market: Research Design
Figure 5 Key Data From Secondary Sources
Figure 6 Market Size Estimation Methodology: Bottom-Up Approach
Figure 7 Market Size Estimation Methodology: Top-Down Approach
Figure 8 Data Triangulation
Figure 9 Assumptions of the Research Study
Figure 10 LED-Backlit LCD-Based Display Devices to Hold the Largest Market Size During the Forecast Period
Figure 11 APAC Market Expected to Grow at the Highest Rate Between 2016 and 2022
Figure 12 Consumer Electronics to Hold the Largest Market Size During the Forecast Period
Figure 13 Market Expected to Grow at A CAGR of 7.5% During the Forecast Period; Consumer Electronics Contributing the Highest Market Share
Figure 14 The Flat Panel Display Segment Held the Largest Market Size in 2015
Figure 15 LED-Backlit LCD and North America Held the Largest Market Size in 2015
Figure 16 QD-LED-Based Display Market Expected to Grow at the Highest Rate During the Forecast Period
Figure 17 North America Held the Largest Share of the Overall Display Market in 2015
Figure 18 TV and Digital Signage Expected to Hold the Largest Share in the Market During the Forecast Period
Figure 19 Market Segmentation
Figure 20 Market, By Geography
Figure 21 Market: Drivers, Restraints, Opportunities, and Challenges
Figure 22 Flexible Display Shipment Forecast 2014-2022
Figure 23 TV Shipments and Asp Forecast 2014-2022
Figure 24 Smart Wearables Shipment Forecast- 2015, 2016, and 2020 (Million Units)
Figure 25 Market: Value Chain Analysis
Figure 26 Market: Porter's Five Forces Analysis, 2015
Figure 27 Porter's Five Forces Analysis for the DMarket, 2015
Figure 28 High Impact of the Intensity of Competitive Rivalry in the Market in 2015
Figure 29 High Impact of the Threat of Substitutes in the Market in 2015
Figure 30 High Impact of the Bargaining Power of Buyers in the Market in 2015
Figure 31 Medium Impact of the Bargaining Power of Suppliers in the Market in 2015
Figure 32 Low Impact of the Threat of New Entrants in the Market in 2015
Figure 33 Market Segmentation, By Technology
Figure 34 LED-Backlit LCD Display Market, By Region, 2016 vs 2022 (USD Billion)
Figure 35 Major Industries in OLED Display Market, 2016 vs 2022 (USD Billion)
Figure 36 OLED Display Market, By Geography, 2016 vs 2022 (USD Million)
Figure 37 E-Paper Display Market, By Geography, 2016 vs 2022 (USD Million)
Figure 38 LPD Display Market, By Geography, 2016 vs 2022 (USD Million)
Figure 39 Market Segmentation, By Display Type
Figure 40 Market, By Application
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Display Market by Technology (LED-backlit LCD, OLED, QD-LED, E-Paper), Display Type (Flat, Flexible, Transparent), Application (Smartphone & Tablet, TV & Digital Signage, PC Monitor & Laptop), Vertical, and Geography - Global Forecast to 2022
Web Address: http://www.researchandmarkets.com/reports/4071449/
Office Code: SCWPWCB1

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Entprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World