

Flat Panel Display Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global flat panel display market size reached US\$ 131.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 180.0 Billion by 2028, exhibiting a growth rate (CAGR) of 5.21% during 2023-2028.

A flat panel display (FPD) is an electronic view device that projects various information, such as images, videos and texts, that allows individuals to experience enhanced visual content. Non-brittle, extremely thin, lightweight, and rough, these displays are usually less than ten centimeters in thickness. When compared to conventional cathode ray tubes (CRT), FPDs offer improved display quality and portability and are powered by a low power flow. A number of display technologies are used in these screens, including Light-Emitting Diode (LED), Liquid Crystal Display (LCD), and Organic Light-Emitting Diode (OLED). Displays using these technologies can be emissive or non-emissive and offer some major advantages, such as high pixel resolution and enhanced contrast. As a result, they are majorly utilized in TV monitors, laptop computers, portable electronics, platform doors of subways, commercial freezer doors, e-boards, and medical equipment.

Flat Panel Display Market Trends:

The market is majorly driven by the growing adoption of FPD in mobile devices due to the escalating demand for smartphones with augmented features. This can be attributed to the escalating adoption of FPD technology in smartphone manufacturing with an enhanced focus on high-quality image and clarity. In addition, the emergence of

advanced technologies, such as flexible flat panel display and OLED, and continual developments in interactive touch-based wearable devices are acting as significant growth-inducing factors. In addition to the popularity of e-learning, the development of interactive flat panels as a means of delivering interactive content are creating a positive market outlook. The market is further driven by increasing investments in flat panel display manufacturing plants due to low manufacturing costs and mass production facilities. Some of the other factors contributing to the market include the augmenting demand for LCD and PDP technologies, the rising trend of automated manufacturing, a considerable rise in the installation of digital signage in retail stores and quick service restaurants (QSRs), inflating disposable income levels and extensive research and development (R&D).

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global flat panel display market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on technology, application and industry vertical.

Breakup by Technology:

- OLED
- Quantum Dot
- LED
- LCD
- Others

Breakup by Application:

- Smartphone and Tablet
- Smart Wearable
- Television and Digital Signage
- PC and Laptop
- Vehicle Display
- Others

Breakup by Industry Vertical:

- Healthcare

Retail
BFSI
Military and Defense
Automotive
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AU Optronics, Crystal Display Systems Ltd, Emerging Display Technologies, Innolux Corporation, LG Display Co. Ltd. (LG Corporation), NEC Corporation (AT&T Corporation), Panasonic Holdings Corporation, Samsung

Electronics Co., Ltd., Sharp Corporation, Sony Group Corporation, Toshiba Corporation and Universal Display Corporation.

Key Questions Answered in This Report:

How has the global flat panel display market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global flat panel display market?

What are the key regional markets?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the application?

What is the breakup of the market based on the industry vertical?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global flat panel display market and who are the key players?

What is the degree of competition in the industry?

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