

Multi-touch Screen Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global multi-touch screen market reached a value of US\$ 10.13 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 22.39 Billion by 2027, exhibiting a CAGR of 13.60% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Multi-touch screen refers to display devices that can sense and respond to gestures and pressures at several locations on a single screen. It consists of an application-specific integrated circuit (ASIC) controller, capacitive touch sensor, and digital signal processor (DSP). It also includes various software and hardware integrations, including display support, sensing methods, sensors and calibration systems to create interactive experiences. Multi-touch screens are commonly used in kiosks, smartphones, laptops, personal computers (PCs) and tablets. It utilizes various technologies, such as infrared, resistive, capacitive, and optical. As compared to conventional touch screens, multi-touch screens are faster, can distinguish between numerous touch inputs, provides enhanced functionality, convenience, and speed, and are easier to use. As a result, multi-touch screens are widely used in consumer electronics, education centers, and government organizations.

Multi-touch Screen Market Trends:

Substantial growth in the electronic industry across the globe is creating a positive outlook for the market. Multi-touch screens are widely used in various electronics, such as tablets, smartphones, and laptops, to offer enhanced feedback and sensing system. In line with this, the increasing demand for portable devices and smart wearables, such

as watches with multi-touch screens to enhance the overall user experience, is positively impacting the market growth. Furthermore, the introduction of cost-effective multi-touch screen displays with improved sense capabilities is providing an impetus to the market growth. Additionally, the increasing product utilization in retail and media applications for customer engagement and branding purposes is also favoring the market growth. Other factors, including the introduction of flexible touch screen panels, rising expenditure capacities of consumers and extensive research and development (R&D) activities, are anticipated to drive the market further toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global multi-touch screen market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product, technology and application.

Breakup by Product:

- Smartphones
- Tablets
- Laptops
- Televisions Kiosks
- Large Interactive Screens

Breakup by Technology:

- Resistive
- Capacitive
- Infrared
- Optical
- Others

Breakup by Application:

- Consumer Electronics
- Retail
- Education
- 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 3M Company, Apple Inc., Corning Incorporated, Fujitsu Limited, HP Inc., Immersion Corporation, Infineon Technologies AG, Japan Display Inc. (Sony Corporation), LG Electronics Inc., Microchip Technology Inc., Microsoft Corporation, Panasonic Corporation, Samsung Electronics Co. Ltd. and Sharp Corporation.

Key Questions Answered in This Report:

How has the global multi-touch screen market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global multi-touch screen market?

What are the key regional markets?

What is the breakup of the market based on the product?
What is the breakup of the market based on the technology?
What is the breakup of the market based on the application?
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 multi-touch screen market and who are the key players?
What is the degree of competition in the industry?

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