

# **Multi-touch Screen Market by technology (Resistive, Capacitive, Infrared, Optical, and Others) and Application (Consumer Electronics, Retail, Education, and Others): Global Opportunity Analysis and Industry Forecast, 2017-2023**

<https://marketpublishers.com/r/M0B2B598A18EN.html>

Date: June 2017

Pages: 166

Price: US\$ 3,999.00 (Single User License)

ID: M0B2B598A18EN

## **Abstracts**

The global multi-touch screen market was valued at \$6 billion in 2016, and is projected to reach \$16 billion by 2023, growing at a CAGR of 15.9% from 2017 to 2023. Multi-touch screens are an update to the single touch screen technology. Unlike single touch technology in which operator can chose a single point, move, click, and slide with a single finger or one touch stylus, multi-touch technologies can distinguish between numerous touch inputs on a single screen and respond accordingly.

Smartphones and tablets, multi-touch screens are used in tabletop PCs, such as Microsoft's Surface™. Moreover, they are used in display walls in public places to create interactive multi-person involvements. These screens are available in laptops that are pre-installed with touch-supported operating systems such as Windows 8. Increase in number of electronic display devices, rise in trend of retail & media applications, and surge in investment from corporate users boost the market growth. However, factors such as lack of availability of raw material and high cost of these panels restrain the market growth. Moreover, increase in investment for multi-touch displays for emerging applications is anticipated to provide new opportunities in the market.

The global multi-touch screen market is segmented based on technology, application, and geography. Based on technology, it is classified into resistive, capacitive, infrared, optical, and others. Based on application, it is categorized into consumer electronics, retail, education, and others. Geographically, it is analyzed across North America (U.S., Mexico, and Canada), Europe (UK, Germany, France, and rest of Europe), Asia-Pacific (China, Japan, Taiwan, South Korea, and rest of Asia-Pacific), and LAMEA (Latin

America, Middle East, and Africa).

The major companies profiled in the report include Apple Inc., HP Development Company, L.P., 3M, GestureTek, Displax, Immersion Corporation, Fujitsu, Panasonic Corporation, Samsung Electronics Co. Ltd., Tpk Holding Co., Ltd., and others.

## **KEY BENEFITS FOR STAKEHOLDERS**

The study provides an in-depth analysis of the global multi-touch screen market to elucidate the prominent investment pockets from 2017 to 2023.

Current trends and future estimations are outlined to determine the overall market scenario.

The report provides information about the key drivers, restraints, and opportunities with a detailed impact analysis.

## **KEY MARKET SEGMENTS**

### **BY TECHNOLOGY**

Resistive

Capacitive

Infrared

Optical

Others

### **BY APPLICATION**

Consumer Electronics

Retail

Education

Others

## BY GEOGRAPHY

North America

U.S.

Mexico

Canada

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

China

Japan

Taiwan

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

## KEY PLAYERS

Apple Inc.

HP Development Company, L.P.

3M

GestureTek

Displax

Immersion Corporation

Fujitsu

Panasonic Corporation

Samsung Electronics Co. Ltd.

Tpk Holding Co., Ltd.

The other players in the value chain include (profiles not included in the report):

Synaptics Incorporated

Stantum

JTOUCH Corporation

## Contents

### CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS FOR STAKEHOLDERS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
  - 1.4.1. Secondary research
  - 1.4.2. Primary research
  - 1.4.3. Analyst tools and models

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

### CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
  - 3.2.1. Top impacting factors
  - 3.2.2. Top winning strategies
  - 3.2.3. Top investment pockets
- 3.3. PORTERS FIVE FORCES ANALYSIS
  - 3.3.1. Porters five forces analysis
- 3.4. MARKET SHARE ANALYSIS
- 3.5. MARKET DYNAMICS
  - 3.5.1. Drivers
  - 3.5.2. Restraint
  - 3.5.3. Opportunity

### CHAPTER 4 MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY

- 4.1. OVERVIEW
  - 4.1.1. Market size and forecast
- 4.2. RESISTIVE
  - 4.2.1. Introduction
  - 4.2.2. Key market trends, growth factors, and opportunities
  - 4.2.3. Market size and forecast

#### 4.3. CAPACITIVE

##### 4.3.1. Introduction

##### 4.3.2. Key market trends, growth factors, and opportunities

##### 4.3.3. Market size and forecast

#### 4.4. INFRARED

##### 4.4.1. Introduction

##### 4.4.2. Key market trends, growth factors, and opportunities

##### 4.4.3. Market size and forecast

#### 4.5. OPTICAL

##### 4.5.1. Introduction

##### 4.5.2. Key market trends, growth factors, and opportunities

##### 4.5.3. Market size and forecast

#### 4.6. OTHERS

##### 4.6.1. Introduction

##### 4.6.2. Key market trends, growth factors, and opportunities

##### 4.6.3. Market size and forecast

### **CHAPTER 5 MULTI-TOUCH SCREEN TECHNOLOGY MARKET, BY APPLICATION**

#### 5.1. OVERVIEW

##### 5.1.1. Market size and forecast

#### 5.2. CONSUMER ELECTRONICS

##### 5.2.1. Introduction

##### 5.2.2. Key market trends, growth factors, and opportunities

##### 5.2.3. Market size and forecast

#### 5.3. RETAIL

##### 5.3.1. Introduction

##### 5.3.2. Key market trends, growth factors, and opportunities

##### 5.3.3. Market size and forecast

#### 5.4. EDUCATION

##### 5.4.1. Introduction

##### 5.4.2. Key market trends, growth factors, and opportunities

##### 5.4.3. Market size and forecast

#### 5.5. OTHERS

##### 5.5.1. Introduction

##### 5.5.2. Key market trends, growth factors, and opportunities

##### 5.5.3. Market size and forecast

### **CHAPTER 6 MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY**

## 6.1. OVERVIEW

### 6.1.1. Market size and forecast

## 6.2. NORTH AMERICA

### 6.2.1. Introduction

### 6.2.2. Key market trends, growth factors, and opportunities

### 6.2.3. Market size and forecast

### 6.2.4. U.S.

#### 6.2.4.1. Market size and forecast

### 6.2.5. Canada

#### 6.2.5.1. Market size and forecast

### 6.2.6. Mexico

#### 6.2.6.1. Market size and forecast

## 6.3. EUROPE

### 6.3.1. Introduction

### 6.3.2. Key market trends, growth factors, and opportunities

### 6.3.3. Market size and forecast

### 6.3.4. UK

#### 6.3.4.1. Market size and forecast

### 6.3.5. Germany

#### 6.3.5.1. Market size and forecast

### 6.3.6. France

#### 6.3.6.1. Market size and forecast

### 6.3.7. Rest of Europe

#### 6.3.7.1. Market size and forecast

## 6.4. ASIA-PACIFIC

### 6.4.1. Introduction

### 6.4.2. Key market trends, growth factors and opportunities

### 6.4.3. Market size and forecast

### 6.4.4. China

#### 6.4.4.1. Market size and forecast

### 6.4.5. Japan

#### 6.4.5.1. Market size and forecast

### 6.4.6. South Korea

#### 6.4.6.1. Market size and forecast

### 6.4.7. Taiwan

#### 6.4.7.1. Market size and forecast

### 6.4.8. Rest of Asia-Pacific

#### 6.4.8.1. Market size and forecast

## 6.5. LAMEA

### 6.5.1. Introduction

### 6.5.2. Key market trends, growth factors, and opportunities

### 6.5.3. Market size and forecast

### 6.5.4. Latin America

#### 6.5.4.1. Market size and forecast

### 6.5.5. Middle East

#### 6.5.5.1. Market size and forecast

### 6.5.6. Africa

#### 6.5.6.1. Market size and forecast

## CHAPTER 7 RELATED INDUSTRY INSIGHTS

### 7.1. E-PAPER DISPLAY MARKET

#### 7.1.1. Executive Summary

### 7.2. MICRODISPLAY MARKET

#### 7.2.1. Executive Summary

## CHAPTER 8 COMPANY PROFILES

### 8.1. APPLE INC.

#### 8.1.1. Company overview

#### 8.1.2. Operating business segments

#### 8.1.3. Business performance

#### 8.1.4. Key strategic moves and developments

### 8.2. DISPLAX

#### 8.2.1. Company overview

#### 8.2.2. Operating business segments

#### 8.2.3. Business performance

#### 8.2.4. Key strategic moves and developments

### 8.3. FUJITSU

#### 8.3.1. Company overview

#### 8.3.2. Operating business segments

#### 8.3.3. Business performance

#### 8.3.4. Key strategic moves and developments

### 8.4. GESTURETEK

#### 8.4.1. Company overview

#### 8.4.2. Operating business segments

#### 8.4.3. Business performance



- 8.4.4. Key strategic moves and developments
- 8.5. HP DEVELOPMENT COMPANY, L.P.
  - 8.5.1. Company overview
  - 8.5.2. Operating business segments
  - 8.5.3. Business performance
  - 8.5.4. Key strategic moves and developments
- 8.6. IMMERSION CORPORATION
  - 8.6.1. Company overview
  - 8.6.2. Operating business segments
  - 8.6.3. Business performance
  - 8.6.4. Key strategic moves and developments
- 8.7. 3M
  - 8.7.1. Company overview
  - 8.7.2. Operating business segments
  - 8.7.3. Business performance
  - 8.7.4. Key strategic moves and developments
- 8.8. PANASONIC CORPORATION
  - 8.8.1. Company overview
  - 8.8.2. Operating business segments
  - 8.8.3. Business performance
  - 8.8.4. Key strategic moves and developments
- 8.9. SAMSUNG ELECTRONICS CO. LTD.
  - 8.9.1. Company overview
  - 8.9.2. Operating business segments
  - 8.9.3. Business performance
  - 8.9.4. Key strategic moves and developments
- 8.10. TPK HOLDING CO., LTD.
  - 8.10.1. Company overview
  - 8.10.2. Operating business segments
  - 8.10.3. Business performance
  - 8.10.4. Key strategic moves and developments

## List Of Tables

### LIST OF TABLES

- TABLE 1. GLOBAL MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY, 2016-2023 (\$MILLION)
- TABLE 2. RESISTIVE MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 3. CAPACITIVE MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 4. INFRARED MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 5. OPTICAL MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 6. OTHERS MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 7. GLOBAL MULTI-TOUCH SCREEN MARKET, BY APPLICATION, 2016-2023 (\$MILLION)
- TABLE 8. CONSUMER ELECTRONICS MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 9. RETAIL MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 10. EDUCATION MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 11. OTHERS MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 12. MULTI-TOUCH SCREEN MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)
- TABLE 13. NORTH AMERICA MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY, 2016-2023 (\$MILLION)
- TABLE 14. NORTH AMERICA MULTI-TOUCH SCREEN MARKET, BY APPLICATION, 2016-2023 (\$MILLION)
- TABLE 15. NORTH AMERICA MULTI-TOUCH SCREEN MARKET, BY COUNTRY, 2016-2023 (\$MILLION)
- TABLE 16. EUROPE MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY, 2016-2023 (\$MILLION)
- TABLE 17. EUROPE MULTI-TOUCH SCREEN MARKET, BY APPLICATION, 2016-2023 (\$MILLION)
- TABLE 18. EUROPE MULTI-TOUCH SCREEN MARKET, BY COUNTRY, 2016-2023 (\$MILLION)

(\$MILLION)

TABLE 19. ASIA-PACIFIC MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY, 2016-2023 (\$MILLION)

TABLE 20. ASIA-PACIFIC MULTI-TOUCH SCREEN MARKET, BY APPLICATION, 2016-2023 (\$MILLION)

TABLE 21. ASIA-PACIFIC MULTI-TOUCH SCREEN MARKET, BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 22. LAMEA MULTI-TOUCH SCREEN MARKET, BY TECHNOLOGY, 2016-2023 (\$MILLION)

TABLE 23. LAMEA MULTI-TOUCH SCREEN MARKET, BY APPLICATION, 2016-2023 (\$MILLION)

TABLE 24. LAMEA MULTI-TOUCH SCREEN MARKET, BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 25. APPLE, INC.: COMPANY SNAPSHOT

TABLE 26. APPLE, INC.: OPERATING SEGMENTS

TABLE 27. DISPLAX: COMPANY SNAPSHOT

TABLE 28. DISPLAX: OPERATING SEGMENTS

TABLE 29. FUJITSU: COMPANY SNAPSHOT

TABLE 30. FUJITSU: OPERATING SEGMENTS

TABLE 31. GESTURETEK: COMPANY SNAPSHOT

TABLE 32. GESTURETEK: OPERATING SEGMENTS

TABLE 33. HP DEVELOPMENT COMPANY, L.P.: COMPANY SNAPSHOT

TABLE 34. HP DEVELOPMENT COMPANY, L.P.: OPERATING SEGMENTS

TABLE 35. IMMERSION CORPORATION: COMPANY SNAPSHOT

TABLE 36. IMMERSION CORPORATION: OPERATING SEGMENTS

TABLE 37. 3M: COMPANY SNAPSHOT

TABLE 38. 3M: OPERATING SEGMENTS

TABLE 39. PANASONIC CORPORATION: COMPANY SNAPSHOT

TABLE 40. PANASONIC CORPORATION: OPERATING SEGMENTS

TABLE 41. SAMSUNG ELECTRONICS CO. LTD.: COMPANY SNAPSHOT

TABLE 42. SAMSUNG ELECTRONICS CO. LTD.: OPERATING SEGMENTS

TABLE 43. TPK HOLDING CO., LTD.: COMPANY SNAPSHOT

TABLE 44. TPK HOLDING CO., LTD.: OPERATING SEGMENTS

## List Of Figures

### LIST OF FIGURES

FIGURE 1. MARKET SEGMENTATION

FIGURE 2. TOP IMPACTING FACTORS

FIGURE 3. TOP WINNING STRATEGIES: PERCENTAGE DISTRIBUTION  
(2013-2016)

FIGURE 4. TOP INVESTMENT POCKETS IN GLOBAL MULTI-TOUCH SCREEN  
MARKET

FIGURE 5. BARGAINING POWER OF SUPPLIERS

FIGURE 6. BARGAINING POWER OF BUYERS

FIGURE 7. THREAT OF SUBSTITUTES

FIGURE 8. THREAT OF NEW ENTRANTS

FIGURE 9. INTENSITY OF COMPETITIVE RIVALRY

FIGURE 10. MARKET SHARE ANALYSIS, 2016

FIGURE 11. COMPARATIVE REGIONAL SHARE ANALYSIS OF RESISTIVE MULTI-  
TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 12. GLOBAL RESISTIVE MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 13. GLOBAL RESISTIVE MULTI-TOUCH SCREEN MARKET ANALYSIS,  
2016 & 2023

FIGURE 14. COMPARATIVE REGIONAL SHARE ANALYSIS OF CAPACITIVE MULT-  
TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 15. GLOBAL CAPACITIVE MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 16. GLOBAL CAPACITIVE MULTI-TOUCH SCREEN MARKET ANALYSIS,  
2016 & 2023

FIGURE 17. COMPARATIVE REGIONAL SHARE ANALYSIS OF INFRARED MULTI-  
TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 18. GLOBAL INFRARED MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 19. GLOBAL INFRARED MULTI-TOUCH SCREEN MARKET ANALYSIS,  
2016 & 2023

FIGURE 20. COMPARATIVE REGIONAL SHARE ANALYSIS OF OPTICAL MULTI-  
TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 21. GLOBAL OPTICAL MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 22. GLOBAL OPTICAL MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016

& 2023

FIGURE 23. COMPARATIVE REGIONAL SHARE ANALYSIS OF OTHERS MULTI-TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 24. GLOBAL OTHERS MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 25. GLOBAL OTHERS MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016 & 2023

FIGURE 26. COMPARATIVE REGIONAL SHARE ANALYSIS OF CONSUMER ELECTRONICS MULTI-TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 27. GLOBAL CONSUMER ELECTRONICS MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 28. GLOBAL CONSUMER ELECTRONICS MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016 & 2023

FIGURE 29. COMPARATIVE REGIONAL SHARE ANALYSIS OF RETAIL MULTI-TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 30. GLOBAL RETAIL MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 31. GLOBAL RETAIL MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016 & 2023

FIGURE 32. COMPARATIVE REGIONAL SHARE ANALYSIS OF EDUCATION MULTI-TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 33. GLOBAL EDUCATION MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 34. GLOBAL EDUCATION MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016 & 2023

FIGURE 35. COMPARATIVE REGIONAL SHARE ANALYSIS OF OTHERS MULTI-TOUCH SCREEN MARKET, 2016 & 2023 (%)

FIGURE 36. GLOBAL OTHERS MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 37. GLOBAL OTHERS MULTI-TOUCH SCREEN MARKET ANALYSIS, 2016 & 2023

FIGURE 38. U.S. MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 39. CANADA MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 40. MEXICO MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 41. UK MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 42. GERMANY MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 43. FRANCE MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 44. REST OF EUROPE MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 45. CHINA MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 46. JAPAN MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 47. SOUTH KOREA MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 48. TAIWAN MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 49. REST OF ASIA-PACIFIC MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 50. LATIN AMERICA MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 51. MIDDLE EAST MULTI-TOUCH SCREEN MARKET, 2016-2023  
(\$MILLION)

FIGURE 52. AFRICA MULTI-TOUCH SCREEN MARKET, 2016-2023 (\$MILLION)

FIGURE 53. APPLE, INC.: COMPANY SNAPSHOT

FIGURE 54. DISPLAX: COMPANY SNAPSHOT

FIGURE 55. FUJITSU: COMPANY SNAPSHOT

FIGURE 56. GESTURETEK: COMPANY SNAPSHOT

FIGURE 57. HP DEVELOPMENT COMPANY, L.P.: COMPANY SNAPSHOT

FIGURE 58. IMMERSION CORPORATION: COMPANY SNAPSHOT

FIGURE 59. 3M: COMPANY SNAPSHOT

FIGURE 60. PANASONIC CORPORATION: COMPANY SNAPSHOT

FIGURE 61. SAMSUNG ELECTRONICS CO. LTD.: COMPANY SNAPSHOT

FIGURE 62. TPK HOLDING CO., LTD.: COMPANY SNAPSHOT

## I would like to order

Product name: Multi-touch Screen Market by technology (Resistive, Capacitive, Infrared, Optical, and Others) and Application (Consumer Electronics, Retail, Education, and Others): Global Opportunity Analysis and Industry Forecast, 2017-2023

Product link: <https://marketpublishers.com/r/M0B2B598A18EN.html>

Price: US\$ 3,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M0B2B598A18EN.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