Displays

End-to-end research on the entire Display industry, with detailed coverage of the manufacturing, supply chain, materials and components, equipment, touch panels, shipments, pricing, supply, demand, and cost modeling.
Research Offerings

Do you need to...

- Identify features for display applications?
- Understand the competitive landscape?
- Reduce cost and improve profits?
- Know supplier roadmaps assessments?
- Identify opportunities for growth?

Why Omdia? We cover...

- All buyers and suppliers in the Display industry
- Technology roadmaps and manufacturing processes for TFT LCD and OLED panels
- Each component in the supply chain
- 20 years of display research history, the most reliable data and insights available

Solutions

By technology
- AMOLED, Flexible displays, LCD, Touch, QD
- OLED, Micro LED, Mini LED, QNED, Foldable, Rollable, Stretchable

By application
- Smartphone, TV, wearables, automotive, tablet, monitor, Notebook, AR/VR

Display materials & components
- Backlight, quantum dot, chemical materials, driver IC, cover glass, optical film, color filters

Display manufacturing & supply chain
- Display production & inventory
- Display strategic outlook
- Display supply & demand
- Display long-term demand
- Large area displays
- Small and medium displays

Cost modeling
# Research Offerings

Covering the entire Display Supply Chain

## Technology | Materials | Equipment
- Equipment / Processes
  - Array
  - Color Filter
  - Cell / Module
  - OLED
  - MOCVD
- Glass Substrate
- Liquid Crystal
- Driver IC
- Optical Films
- LEDs / Mini LED / Micro LED
- Polarizers
- Color Filters
- Quantum Dots
- Chemicals, Targets
- OLED Materials
- Cover Glass
- Fingerprint
- Polyimide

## Manufacturing
- Processes
- LCD Panels
  - a-Si TFT LCD
  - LTPS TFT LCD
  - Oxide TFT LCD
  - PLMCD
- OLED Panels
  - AMOLED
  - PMOLED
  - Foldable
- Flexible & Curved Display
- Backlight Units
- Touch Sensors / Modules
  - Embedded / Add-on
  - Touch Type
  - Sensor Structure
- Gesture / Motion Sensing

## Applications
- Smartphones
- Tablet PCs
- Notebook PCs
- Monitors
- TVs
- Public Displays / Digital Signage
- Automotive
- Wearable Devices (AR / VR)
- Industrial Display
- E-Book
- Smart Watch

## End Markets
- China
- North America
- Japan
- Asia Pacific
- Western Europe
- Eastern Europe
- Latin America
- Middle East & Africa

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Information Classification: General
Research Offerings

**Intelligence Services**
Our most comprehensive offering with real-time access to continually updated market data and forecasts, analyst insights, topical research reports, analyst presentations and direct access to analysts

**Reports**
Topical reports addressing key focus areas with in-depth analysis of market and technology trends

**Market Trackers**
Regular periodic analysis and forecasts designed to provide timely visibility into relevant market and technology trends

**Custom & Consulting**
Meaningful analysis and action-oriented recommendations for custom cases and consulting, building on extensive data and recognized industry experience
Display Manufacturing, Technology & Components

Industry's most comprehensive coverage of the display supply chain focusing on upstream segments of panel and manufacturing technologies, equipment, as well as materials, components, and costs.

View Products
Display Manufacturing, Technology & Components

Intelligence Services

**OLED & Flexible Display**
- the most frequently updated and complete analysis on the OLED display industry, including the market dynamics of shipments, revenues, price trends, brand demand trends and the competitive landscape
  - Learn more

**OLED and LCD Supply Demand & Equipment**
- A comprehensive guide to fab activity, capacity, utilization, supply/demand, capital equipment, manufacturing technology, financial information and relevant news analysis for the entire FPD supply chain.
  - Learn more

Cost Models
- LCD Display
- OLED Display

Market Trackers
- Display Driver IC
- Display Glass
- Display Optical Film
- Micro LED Display
- Mini LED Backlight
- OLED Display Roadmap Tracker
- OLED Materials

Report
- Foldable Display Technology & Market Report - 2021
Large Area Display & Supply Chain

The industry’s most comprehensive research coverages of large display, from display production and shipments to OEM/ODM supply chains. Insights across all large area display manufacturers’ detailed production, shipments and inventory status, not only for historical results but also detailed and accurate forecasting. Coverage also includes display supply chain flows for major large area display applications and the latest trends on product technology.

View Products
Large Area Display & Supply Chain

Intelligence Services

**Display Dynamics**
Real-time insights from our global team of analysts, along with data summary and excerpts from the Omdia display portfolio of research. Delivered in an online format comprising 20+ articles monthly, covering the entire display industry. The service also includes a monthly summary combining all articles from the month in one document.
Learn more

**Tablet and Notebook Display & OEM**
The timeliest and most complete analysis on the tablet & notebook display-related supply chain, offering coverage of business relations, business intelligence, feature adoption updates, pricing trends, and the competitive landscape.
Learn more

**TV Display & OEM**
The most frequent and complete analysis of the TV display-related supply chain, offering coverage of business relations, business intelligence, pricing trends, and the competitive landscape. Monthly analysis covers display suppliers worldwide, as well as TV makers in China. Quarterly coverage provides more detail on supply chain-related activities, covering panel, brand and OEM industry dynamics, TV display pricing outlooks, business strategies, top TV makers’ purchasing plans and the competitive landscape.
Learn more

**Market Trackers**
Display Long-Term Demand Forecast
Display Production & Inventory
Large Area Display
Large Area Display Price
Large Area Display Production Strategy
Large Area Display Technology
Monitor Display & OEM
Small & Medium Displays & Touch Interface

The industry’s most comprehensive research, including critical information on small and medium displays, as well as display user interface markets. Based on unparalleled primary research methodology, Omdia provides detailed data and insight analysis on the market outlook, display ASPs, technology trends, supply chain and much more.

View Products
Small & Medium Displays & Touch Interface

Intelligence Services

**Automotive Display**
A comprehensive guide to track the automotive display market, including macro environment, design and technology trends, suppliers' business performance, value chain, business models, and market dynamics.

Learn more

**Smartphone Display**
A shipment and revenue tracking standard for all smartphone displays. This service provides quarterly updates of smartphone display and feature phone display shipments by size, resolution, aspect ratio, display shape and technology (LCD, OLED). It provides a four-year quarterly forecast and an additional seven-year annual forecast. In order to track and forecast the rapidly changing smartphone display market, Omdia also provides a monthly shipment and price tracker.

Learn more

Reports

Automotive Touch & Interface Report - 2020
Display Fingerprint Technology & Market Report – 2021
Touch Panel Cover Lens & CPI Report - 2021

Market Trackers

Automotive Display
OLED Display
Small & Medium Display
Small & Medium Display Supply Chain
Touch Panel
Consumer Electronics & Display Applications

Detailed information on the making of semiconductors by both pure-play foundries and IDMs, tracking changes in semiconductor equipment and chip technology, while offering important perspectives on strategies and trends.

View Products
Consumer Electronics & Display Applications

Intelligence Services

**TV Sets**
Detailed data, country analysis and expert insights to guide critical planning in the global TV supply chain.
Learn more

**Smart Home**
From devices, technical specs and service provider analysis to business models, platforms and market shares, our service connects all the dots for the smart home.
Learn more

**Smartphone**
Covers the breadth and depth of the smartphone market, with detailed analysis, historical data and market forecasts. In-depth research supports the development of global mobile strategies, forecasting of component needs, and future smartphone planning.
Learn more

**Mobile PC**
Real-time access to a continuous flow of research across 8 regions and 19 brands, and exploring the impact of flexible display, AI, 5G, AR and more.
Learn more

**LED Video Displays**
Comprehensive data and analysis providing market insights on multiple aspects of LED video displays technology and industry trends. Provides an in-depth view of the worldwide industry for better decision making and business planning.
Learn more

**Digital Signage & Professional Displays**
A comprehensive set of data and analysis, which provides market insights on multiple aspects of flat panel displays technology and industry trends.
Learn more
Consumer Electronics & Display Applications

Market Trackers

**Desktop Monitor**
A single, comprehensive resource that provides indispensable coverage of desktop monitor markets. Backed by a global team of analysts, it offers the most detailed, reliable coverage in the industry by brand, display technology, size, resolution and market vertical for both standalone monitors as well as all-in-one (AIO) PCs.

Learn more

**Mobile PC**
In-depth view of the notebook PC and tablet market, with brand dynamics and product development trends. This quarterly tracker analyzes the global mobile PC markets and assesses the top 19 brands. Access historical and forecast shipment data by size, resolution, display technology, and region.

Learn more

**TV Sets**
This quarterly tracker shares a comprehensive view and in-depth analysis of the TV sets market. Access a worldwide database and 2 reports that cover historical shipment analysis, and detailed forecasts for the global TV sets market.

Learn more
The Displays Research Team

25+ analysts in China, Taiwan, Korea and Japan, providing end-to-end research on the entire Display industry, with detailed coverage of the manufacturing, supply chain, materials and components, equipment, touch panels, shipments, pricing, supply, demand, and cost modeling.

MEET THE TEAM
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Custom & Consulting

We provide an unmatched combination of information, insight and expertise, transforming knowledge into data and customizing a solution to meet your greatest strategic and operational challenges.

- Reduce risk
- Streamline business planning
- Accelerate informed decisions
- Lower operating expenses

View Services
Custom & Consulting

Where to play

• Identify and prioritize growth segments, technologies and trends
• Assess the impact of emerging technologies in key industries

How to build

• Optimize suppliers and partners, costs and prices, and technology trends & impacts

How to win

• Amplify your message to key audiences
• Target and engage new customers

What to deliver

• Apply innovation to evolve your business and delivery models
• Optimize your services to address customer requirements
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About Omdia

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today’s constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.

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