

# Large Area Display Technology Tracker

## Part of the Large Area Display and Supply Chain

A comprehensive view of the latest technology trends and large area display product developments shaping the display industry. Discover new emerging technologies for large area display products with timely market forecasts.

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The Large Area Display Technology Tracker offers a comprehensive view of the latest technology trends and panel product developments shaping the display industry. This report covers the latest large area display developments including emerging technologies.”

**Peter Su**  
Principal Analyst

# Large Area Display Technology Tracker

Part of the Large Area Display and Supply Chain Service Area Coverage

## HOW OMDIA HELPS YOU

- Understand the latest technology trends and panel product developments shaping the large area display industry
- Competitor watch and product development comparison against markets top brands
- Identify opportunities with top brand product mixes by notebook, mini-note/tablet, monitor, and TV.

## KEY QUESTIONS ADDRESSED

- Brand product development strategies
- Future-shaping supplier roadmap trends
- Innovations that will affect the market most
- Impact of design and specification changes on each application
- Industry hot topics

### Sample: Panel Makers Plans for UHD TV: 40-43

Panel size	Aspect ratio	Panel supplier	Generation	Cuts	Status	Remark
40"	16:09	Innolux Corp	Gen 5.5	6	MP	4K
	16:09	Samsung	Gen 7	8	MP	4K (WRGB option)
42"	16:09	AUO	Gen 7	8	MP	4K
	16:09	Innolux Corp	Gen 8	8	MP (EOL in 2018)	MMG*
43"	16:09	LGD	Gen 7	8	MP (EOL in 2016)	4K (WRGB option)
	16:09	AUO	Gen 7	8	MP	4K
	16:09	SDC	Gen 8	8	3Q16	MMG*
	16:09	LGD	Gen 7	8	MP	4K (WRGB option)
	16:09	AUO	Gen 7	8	MP	4K
	16:09	CSOT	Gen 8	8	MP	MMG*

# Large Area Display: Our Expert Analysts



**Peter Su,**  
Principal Analyst  
Taiwan Display



**Robin Wu**  
Principal Analyst  
China Display



**Alex Kang**  
Senior Analyst  
Korea Display

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## Large Area Display Technology Tracker

This report analyzes the latest large area display technology trends by application (Tablet PC, Notebook PC, Desktop monitor and TV). Gain in-depth data and insights on major emerging display technologies via analysis (powerpoint) and market database (excel).

### DETAILS

#### Frequency, Time Period

- Quarterly update

#### Measurements

- Display technology trends by application
- Display technology trends by major technology
- Display technology trends by emerging technology.

#### Regions

- China
- Japan
- Korea
- Taiwan
- Singapore

### COVERAGE

#### Products Covered

- LCD TVs
- Monitors
- Notebook PCs
- Tablets PCs

#### Major technology trends Covered

- Low power consumption
- Wide viewing
- High resolution
- Narrow borders
- HDR displays

#### Emerging technology trends Covered

- Anti blue light
- Dual Cell
- Privacy displays

### APPLICABLE TO

- **Brand manufacturers/OEMs/ODMs**
  - Product planning managers for system sales
  - Procurement managers for OLED components o Product marketing/strategic planning managers for LCD panels
- **LCD panel suppliers**
  - Product marketing/strategic planning managers for LCD panels
- **LCD component suppliers**
- **Manufacturers of competitive technologies**
- **Investment community**
  - Fund managers/ investors/ analysts with interest in display companies

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#### Methodology

# Related Content: Large Area Display and Supply Chain Service Area Coverage



**Service Area Package: Large Area Display & Display Supply Chain**

- Display Long-term Demand Forecast Tracker
- Display Production & Inventory Tracker
- Large Area Display Price Tracker
- Large Area Display Market Tracker
- Large Area Display Production Strategy Tracker
- Large Area Display Technology Tracker
- TV Display & OEM Intelligence Service
- Notebook/ Tablet Display & OEM Intelligence Service
- Monitor Display & OEM Tracker
- Display Dynamics Viewpoint Service
- Display Dynamics Spotlight Service

## About Omdia's Large Area Display and Supply Chain Research

The industry's most comprehensive research coverage of large display, from display productions and shipments to OEM/ODM supply chains. Omdia provides insights across all large area display manufacturers: detailed productions, shipments, and inventory status, with both historical results and in-depth, accurate forecasting. Coverage also includes display supply chain flows for major large area display applications and the latest trends on product technology.

Our team of analysts, all with 10+ years experiences in the display industry located through key countries in Asia, provide complete coverage of the large area display landscape. With a strong global network, we are proud to conduct high quality research which bring world-class database and reports that are commonly used as the industry standard for primary data.

A strong focus on connecting the dots upstream and downstream in the display industry. Omdia gives you the full picture linking different applications across consumer electronics where displays are used.

# Related Content: Display and Consumer Devices Service Area Coverage

PRODUCTS IN RELATED SERVICE AREA			
Display Manufacturing, Technology & Components	Large Area Display & Supply Chain	Small & Medium Displays & Touch Interface	Consumer Electronics & Display Applications
<p><b>Intelligence Services</b></p> <ul style="list-style-type: none"> <li>• OLED &amp; LCD Supply Demand &amp; Equipment</li> <li>• OLED &amp; Flexible Display</li> </ul> <p><b>Trackers</b></p> <ul style="list-style-type: none"> <li>• Micro LED Display</li> <li>• OLED Display Roadmap</li> <li>• Display Backlight</li> <li>• Display Glass</li> <li>• Display Optical Film</li> <li>• Display Driver IC</li> <li>• OLED Materials</li> <li>• OLED Display Cost Model</li> <li>• LCD Display Cost</li> </ul> <p><b>Reports</b></p> <ul style="list-style-type: none"> <li>• Foldable Display Tech</li> </ul>	<p><b>Intelligence Service</b></p> <ul style="list-style-type: none"> <li>• TV Display &amp; OEM</li> <li>• Notebook/ Tablet Display &amp; OEM</li> <li>• Display Dynamics</li> </ul> <p><b>Trackers</b></p> <ul style="list-style-type: none"> <li>• Display Long-Term Demand Forecast</li> <li>• Display Production &amp; Inventory</li> <li>• Large Area Display Price</li> <li>• Large Area Display Market</li> <li>• Large Area Display Production Strategy</li> <li>• Large Area Display Technology</li> <li>• Monitor Display &amp; OEM</li> </ul> <p><b>Spotlight Services</b></p> <ul style="list-style-type: none"> <li>• Display Dynamics Spotlight</li> </ul>	<p><b>Intelligence Service</b></p> <ul style="list-style-type: none"> <li>• Smartphone Display</li> </ul> <p><b>Trackers</b></p> <ul style="list-style-type: none"> <li>• Small Medium Display</li> <li>• Small Medium Display Supply Chain</li> <li>• OLED Display</li> <li>• Automotive Display</li> <li>• Touch Panel</li> </ul> <p><b>Reports</b></p> <ul style="list-style-type: none"> <li>• Automotive Touch &amp; Interface</li> <li>• Display Fingerprint Tech</li> <li>• Touch Panel Cover Lens</li> </ul>	<p><b>Intelligence Services</b></p> <ul style="list-style-type: none"> <li>• TV Sets</li> <li>• Smart Home</li> <li>• Mobile PC</li> <li>• Smartphone</li> <li>• Desktop Monitor</li> <li>• LED Video Displays</li> <li>• Digital Signage &amp; Prof. Display</li> </ul> <p><b>Viewpoint &amp; Spotlight Services</b></p> <ul style="list-style-type: none"> <li>• Consumer Electronics Viewpoint</li> <li>• TV Sets Spotlight</li> <li>• Smartphone Spotlight</li> <li>• Digital Signage &amp; Prof. Display Spotlight</li> </ul>

# Our “Ask an Analyst” Service Provides Best in Class Customer Support

Whether you need guidance to navigate the service, information regarding our methodologies or you want to better understand a data trend, Omdia’s support team is here to help.

## Draw on our expertise

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- Understand more about our methodologies

Our Ask an Analyst service gives you direct contact via telephone, email or face-to-face session with our expert analyst team:



**Tom Coate**  
Customer Success  
Manager



**Kâren Dyer**  
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 @OmdiaHQ | [ondia.com](https://www.ondia.com)

### Customer Success

E: [customersuccess@ondia.com](mailto:customersuccess@ondia.com)

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### SALES

US: +1 (212) 652 5335

APAC: +61 (0)396 016 700

EMEA: +44 (0)7771 980 316

### 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.