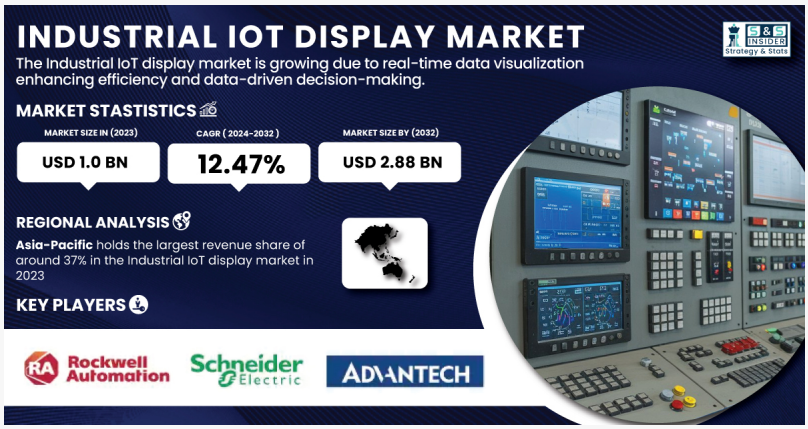
Industrial IoT Display Market to Cross USD 2.88 Billion by 2032, Driven by Automation Growth and Industry Demand

The Industrial IoT Display Market is driven by the increasing adoption of automation and the demand for real-time data visualization across various industries.



Industrial IoT Display Market Size & Growth Report

AUSTIN, TX, UNITED STATES, January 16, 2025 /EINPresswire.com/ -- Market Size & Industry Insights

As Per the SNS Insider,"The Industrial IoT Display Market Size was valued at USD 1.0 Billion in 2023 and is expected to grow to USD 2.88 Billion by 2032 and grow at a CAGR Of 12.47 % over the forecast period of 2024-2032."

Driving Efficiency and Profitability with the Growing Demand for Industrial IoT Display Solutions

The growth of the Industrial IoT display market is fueled by the need for real-time data visualization to enhance operational efficiency and support data-driven decision-making in industrial settings. The widespread adoption of smart manufacturing technologies and Industry 4.0 is driving the demand for advanced display systems that can handle real-time data from connected devices, crucial for predictive maintenance, optimization, and reducing downtime. For example, SolidRun's HummingBoard i.MX8M IIoT SBC, designed for industrial IoT and HMI applications, offers powerful processing capabilities with four Arm Cortex-A53 cores, 8GB of memory, and 128GB of expandable storage. This board enables seamless cloud connectivity and integrates Information Technology with Operational Technology, aligning with industry standards like OPC UA. As 73% of manufacturers recognize the importance of scalable manufacturing technology for the future factory, the increasing use of data analytics tools and cloud-based solutions will drive the demand for Industrial IoT display systems, fostering faster decision-making and improving profitability across sectors such as manufacturing, logistics, and energy.

Get a Sample PDF of Industrial IoT Display Market (with Full TOC & Graphs) @

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SWOT Analysis of Key Players as follows:
- Siemens AG
- Rockwell Automation
- Schneider Electric
- Honeywell International Inc.
- Advantech Co. Ltd.
- General Electric (GE)
- Beckhoff Automation
- Mitsubishi Electric Corporation
- ABB Ltd.
- Omron Corporation
- Panasonic Corporation
- Keyence Corporation
- NXP Semiconductors
- Litemax Electronics Inc.
- Winmate Inc.
- Digi International
- Beijer Electronics
- Toshiba Corporation
- E Ink Holdings Inc.
- BOE Technology Group Co. Ltd.

TFT-LCD and Manufacturing Segments Drive Growth in the Industrial IoT Display Market

By Technology
The TFT-LCD segment leads the Industrial IoT display market, capturing around 40% of the market share in 2023. TFT-LCDs are favored in industrial applications for their high-quality visuals, energy efficiency, and ability to manage complex data. Offering sharp images, wide viewing angles, and durability, these displays are ideal for real-time monitoring in environments like manufacturing floors and control rooms. The growing demand for smart manufacturing and human-machine interfaces further drives the adoption of TFT-LCD displays, supporting advanced features such as touch sensitivity and high resolution.

By End Use Industry
The manufacturing segment leads the Industrial IoT display market, holding about 35% of the market share in 2023. This growth is fueled by the adoption of smart manufacturing technologies and Industry 4.0, which depend on real-time data visualization and human-machine interfaces. IIoT displays are vital for monitoring production lines, equipment status, and enhancing operational efficiency. The sector’s demand for high-resolution, durable, and interactive displays to integrate with IIoT systems drives further expansion.

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KEY MARKET SEGMENTS:

By Technology
TFT-LCD
LED
OLED
E-Paper display

By Panel Size
Less than 10”
Between 10”and 20”
More than 20”

By Application
Human Machine Interface
Remote Monitoring
Interactive Display
Electronic Shelf Labels
Others

By End Use Industry
Manufacturing
Healthcare
Energy & Power
Transportation
Others

Asia-Pacific and North America Lead Growth in the Industrial IoT Display Market

Asia-Pacific held the largest revenue share of approximately 37% in the Industrial IoT display market in 2023, driven by rapid industrialization, technological advancements, and a shift towards smart manufacturing in key countries like China, Japan, South Korea, and India. China’s strong manufacturing sector and push for Industry 4.0 have heightened demand for advanced display systems, while Japan and South Korea focus on automation, robotics, and AI technologies. India’s growing digital transformation in manufacturing also contributes to the market growth. North America is expected to be the fastest-growing region from 2024 to 2032, fueled by technological advancements, strong investments in digital transformation, and government initiatives like "Manufacturing USA." The rise of sectors such as automotive, aerospace, and energy further accelerates demand for IIoT displays.

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Recent Development

-May 15, 2024 – BOE Technology Group unveiled innovative display technologies at SID Display Week 2024, including a world-first 110-inch 16K glasses-free 3D display and AI-powered smart displays. The company highlighted advancements in Micro LED, flexible cockpits, and light field monitors, showcasing its leadership in display innovation and sustainability.
-August 5, 2024 – Toshiba Energy Systems & Solutions will exhibit at CIGRE 2024 in Paris, showcasing AEROXIA™ gas-insulated switchgear, featuring natural-origin gases for enhanced sustainability. The company will highlight its eco-friendly products for transmission and distribution systems at booth S195A, demonstrating its commitment to advancing digital and green solutions in the power sector.

Table of Content - Major Points Analysis

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Akash Anand
SNS Insider
+1 415-230-0044
info@snsinsider.com
