

Global Twisted Nematic (TN) Liquid Crystal Display Market Growth 2026-2032

<https://marketpublishers.com/r/GF741C0AAC23EN.html>

Date: July 2026

Pages: 98

Price: US\$ 3,660.00 (Single User License)

ID: GF741C0AAC23EN

Abstracts

The global Twisted Nematic (TN) Liquid Crystal Display market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

The twisted nematic effect (TN-effect) was a main technology breakthrough that made LCDs practical. Unlike earlier displays, TN-cells did not require a current to flow for operation and used low operating voltages suitable for use with batteries. The introduction of TN-effect displays led to their rapid expansion in the display field, quickly pushing out other common technologies like monolithic LEDs and CRTs for most electronics.

United States market for Twisted Nematic (TN) Liquid Crystal Display is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Twisted Nematic (TN) Liquid Crystal Display is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Twisted Nematic (TN) Liquid Crystal Display is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Twisted Nematic (TN) Liquid Crystal Display players cover AOC, SANV, PHILIPS, DELL, Lenovo, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Twisted Nematic (TN) Liquid Crystal Display Industry Forecast" looks at past sales and reviews total world Twisted Nematic (TN) Liquid Crystal Display sales in 2025, providing a comprehensive analysis by region and market sector of projected Twisted Nematic (TN) Liquid Crystal Display sales for 2026 through 2032. With Twisted Nematic (TN) Liquid Crystal Display sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Twisted Nematic (TN) Liquid Crystal Display industry.

This Insight Report provides a comprehensive analysis of the global Twisted Nematic (TN) Liquid Crystal Display landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Twisted Nematic (TN) Liquid Crystal Display portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Twisted Nematic (TN) Liquid Crystal Display market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Twisted Nematic (TN) Liquid Crystal Display and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Twisted Nematic (TN) Liquid Crystal Display.

This report presents a comprehensive overview, market shares, and growth opportunities of Twisted Nematic (TN) Liquid Crystal Display market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

TN

STN

Segmentation by Application:

Consumer electronics

Medical

Industrial

Aviation

Smart home

Internet of things

Automotive electronics

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

AOC

SANV

PHILIPS

DELL

Lenovo

Sharp

Innolux

HannStar Display

AUO

Gigabyte

Key Questions Addressed in this Report

What is the 10-year outlook for the global Twisted Nematic (TN) Liquid Crystal Display market?

What factors are driving Twisted Nematic (TN) Liquid Crystal Display market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Twisted Nematic (TN) Liquid Crystal Display market opportunities vary by end market size?

How does Twisted Nematic (TN) Liquid Crystal Display break out by Type, by Application?

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