

# Global GaN Micro LED Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G46B7A3DBFAAEN.html>

Date: June 2024

Pages: 100

Price: US\$ 3,480.00 (Single User License)

ID: G46B7A3DBFAAEN

## Abstracts

According to our (Global Info Research) latest study, the global GaN Micro LED market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

The Gallium Nitride based LED are highly efficient sources for illumination. GaN micro LEDs supports multi gigabit per second Visible light communications (VLC) uses these sources to supplement wireless communications by offering large, license free region of optical spectrum.

The Global Info Research report includes an overview of the development of the GaN Micro LED industry chain, the market status of Consumer Electronics (Low Power (0.15 to 0.7W), Mid Power (0.7 to 1W)), Automotive (Low Power (0.15 to 0.7W), Mid Power (0.7 to 1W)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of GaN Micro LED.

Regionally, the report analyzes the GaN Micro LED markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global GaN Micro LED market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the GaN Micro LED market. It provides a holistic view of the industry, as well as detailed insights into individual

components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the GaN Micro LED industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Low Power (0.15 to 0.7W), Mid Power (0.7 to 1W)).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the GaN Micro LED market.

**Regional Analysis:** The report involves examining the GaN Micro LED market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the GaN Micro LED market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to GaN Micro LED:

**Company Analysis:** Report covers individual GaN Micro LED manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards GaN Micro LED This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Automotive).

**Technology Analysis:** Report covers specific technologies relevant to GaN Micro LED. It assesses the current state, advancements, and potential future developments in GaN Micro LED areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers,

the report present insights into the competitive landscape of the GaN Micro LED market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

GaN Micro LED market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Low Power (0.15 to 0.7W)

Mid Power (0.7 to 1W)

High Power (1 to 6W)

Ultra-High Power (>6W)

#### Market segment by Application

Consumer Electronics

Automotive

Aerospace & Defense

Sports & Entertainment

Healthcare

Others

## Major players covered

Plessey

Google

Microsoft

Samsung

Aledia

Leti(CEA)

Apple

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe GaN Micro LED product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of GaN Micro LED, with price, sales, revenue and global market share of GaN Micro LED from 2019 to 2024.

Chapter 3, the GaN Micro LED competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the GaN Micro LED breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and GaN Micro LED market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of GaN Micro LED.

Chapter 14 and 15, to describe GaN Micro LED sales channel, distributors, customers, research findings and conclusion.

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