

Global GaN Laser Diode Chips Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G512EFED7BBDEN.html>

Date: July 2026

Pages: 106

Price: US\$ 4,480.00 (Single User License)

ID: G512EFED7BBDEN

Abstracts

The global GaN Laser Diode Chips market size is expected to reach \$ 517 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

Gallium Nitride (GaN) laser diode chips are core optoelectronic conversion components fabricated using the third-generation semiconductor material, gallium nitride, and its alloys. By injecting an electric current, these chips efficiently convert electrical energy into highly bright, highly directional, and coherent laser light at specific wavelengths.

The upstream segment primarily comprises GaN substrates, heterogeneous substrates (such as sapphire and SiC), MOCVD epitaxial equipment, metal-organic precursors, ammonia gas, photoresists, metal targets, etching gases, dielectric films, and chip packaging materials. The midstream segment encompasses chip manufacturing and packaging. The downstream segment primarily serves application fields such as projection displays, automotive electronics, and medical devices.

In 2025, global sales volume for GaN laser diode chips is projected to reach approximately 42 million units, with an average unit price of approximately \$8; the gross profit margins for major industry manufacturers are expected to range between 35% and 50%.

The gallium nitride (GaN) laser diode chip industry is currently undergoing a transition from mature short-wavelength light sources to applications demanding high power, high brightness, and high reliability. This growth is primarily driven by the inherent advantages of short-wavelength lasers?specifically in terms of brightness, directionality, color gamut, focusing capability, and system miniaturization?as well as the sustained demand for high-performance semiconductor laser sources across sectors such as

industrial manufacturing, display and projection, medical diagnostics, automotive lighting, and specialized sensing. Products within the high-power segment impose stringent requirements on epitaxial quality, chip architecture, thermal packaging, and optical coupling; consequently, the supply landscape has long remained concentrated among a select few enterprises possessing comprehensive capabilities spanning epitaxy, chip fabrication, and packaging. Moving forward, the industry's incremental growth is expected to stem predominantly from high-value-added segments, including high-power blue lasers, automotive-grade projection and lighting, life science diagnostics, industrial short-wavelength processing, and high-brightness displays.

This report studies the global GaN Laser Diode Chips production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GaN Laser Diode Chips and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of GaN Laser Diode Chips that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GaN Laser Diode Chips total production and demand, 2021-2032, (Million Units)

Global GaN Laser Diode Chips total production value, 2021-2032, (USD Million)

Global GaN Laser Diode Chips production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global GaN Laser Diode Chips consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: GaN Laser Diode Chips domestic production, consumption, key domestic manufacturers and share

Global GaN Laser Diode Chips production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global GaN Laser Diode Chips production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global GaN Laser Diode Chips production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global GaN Laser Diode Chips market based on the following parameters - company overview, production, value, price, gross margin,

product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nichia, Sharp Fukuyama Laser, Sony, ams OSRAM, KYOCERA SLD Laser, Nuvoton, USHIO, BluGlass, Guangxi HURRICHIP, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World GaN Laser Diode Chips market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global GaN Laser Diode Chips Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GaN Laser Diode Chips Market, Segmentation by Type:

UV

Violet Light

Blue Light

Green Light

Global GaN Laser Diode Chips Market, Segmentation by Beam Mode:

Single Mode

Multi-mode

Global GaN Laser Diode Chips Market, Segmentation by Output Power:

Low Power

Medium Power

High Power

Global GaN Laser Diode Chips Market, Segmentation by Application:

Industrial

Medical

Display & Projection

Automotive

Blu-ray Disc

Other

Companies Profiled:

Nichia

Sharp Fukuyama Laser

Sony

ams OSRAM

KYOCERA SLD Laser

Nuvoton

USHIO

BluGlass

Guangxi HURRICHIP

Key Questions Answered:

1. How big is the global GaN Laser Diode Chips market?
2. What is the demand of the global GaN Laser Diode Chips market?
3. What is the year over year growth of the global GaN Laser Diode Chips market?
4. What is the production and production value of the global GaN Laser Diode Chips market?
5. Who are the key producers in the global GaN Laser Diode Chips market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 GaN Laser Diode Chips Introduction
- 1.2 World GaN Laser Diode Chips Supply & Forecast
 - 1.2.1 World GaN Laser Diode Chips Production Value (2021 & 2025 & 2032)
 - 1.2.2 World GaN Laser Diode Chips Production (2021-2032)
 - 1.2.3 World GaN Laser Diode Chips Pricing Trends (2021-2032)
- 1.3 World GaN Laser Diode Chips Production by Region (Based on Production Site)
 - 1.3.1 World GaN Laser Diode Chips Production Value by Region (2021-2032)
 - 1.3.2 World GaN Laser Diode Chips Production by Region (2021-2032)
 - 1.3.3 World GaN Laser Diode Chips Average Price by Region (2021-2032)
 - 1.3.4 North America GaN Laser Diode Chips Production (2021-2032)
 - 1.3.5 Europe GaN Laser Diode Chips Production (2021-2032)
 - 1.3.6 China GaN Laser Diode Chips Production (2021-2032)
 - 1.3.7 Japan GaN Laser Diode Chips Production (2021-2032)
 - 1.3.8 China Taiwan GaN Laser Diode Chips Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 GaN Laser Diode Chips Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 GaN Laser Diode Chips Major Market Trends

2 DEMAND SUMMARY

- 2.1 World GaN Laser Diode Chips Demand (2021-2032)
- 2.2 World GaN Laser Diode Chips Consumption by Region
 - 2.2.1 World GaN Laser Diode Chips Consumption by Region (2021-2026)
 - 2.2.2 World GaN Laser Diode Chips Consumption Forecast by Region (2027-2032)
- 2.3 United States GaN Laser Diode Chips Consumption (2021-2032)
- 2.4 China GaN Laser Diode Chips Consumption (2021-2032)
- 2.5 Europe GaN Laser Diode Chips Consumption (2021-2032)
- 2.6 Japan GaN Laser Diode Chips Consumption (2021-2032)
- 2.7 South Korea GaN Laser Diode Chips Consumption (2021-2032)
- 2.8 ASEAN GaN Laser Diode Chips Consumption (2021-2032)
- 2.9 India GaN Laser Diode Chips Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World GaN Laser Diode Chips Production Value by Manufacturer (2021-2026)
- 3.2 World GaN Laser Diode Chips Production by Manufacturer (2021-2026)
- 3.3 World GaN Laser Diode Chips Average Price by Manufacturer (2021-2026)
- 3.4 GaN Laser Diode Chips Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global GaN Laser Diode Chips Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for GaN Laser Diode Chips in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for GaN Laser Diode Chips in 2025
- 3.6 GaN Laser Diode Chips Market: Overall Company Footprint Analysis
 - 3.6.1 GaN Laser Diode Chips Market: Region Footprint
 - 3.6.2 GaN Laser Diode Chips Market: Company Product Type Footprint
 - 3.6.3 GaN Laser Diode Chips Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: GaN Laser Diode Chips Production Value Comparison
 - 4.1.1 United States VS China: GaN Laser Diode Chips Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: GaN Laser Diode Chips Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: GaN Laser Diode Chips Production Comparison
 - 4.2.1 United States VS China: GaN Laser Diode Chips Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: GaN Laser Diode Chips Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: GaN Laser Diode Chips Consumption Comparison
 - 4.3.1 United States VS China: GaN Laser Diode Chips Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: GaN Laser Diode Chips Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based GaN Laser Diode Chips Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based GaN Laser Diode Chips Manufacturers, Headquarters and

Production Site (States, Country)

4.4.2 United States Based Manufacturers GaN Laser Diode Chips Production Value (2021-2026)

4.4.3 United States Based Manufacturers GaN Laser Diode Chips Production (2021-2026)

4.5 China Based GaN Laser Diode Chips Manufacturers and Market Share

4.5.1 China Based GaN Laser Diode Chips Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers GaN Laser Diode Chips Production Value (2021-2026)

4.5.3 China Based Manufacturers GaN Laser Diode Chips Production (2021-2026)

4.6 Rest of World Based GaN Laser Diode Chips Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based GaN Laser Diode Chips Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers GaN Laser Diode Chips Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers GaN Laser Diode Chips Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World GaN Laser Diode Chips Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 UV

5.2.2 Violet Light

5.2.3 Blue Light

5.2.4 Green Light

5.3 Market Segment by Type

5.3.1 World GaN Laser Diode Chips Production by Type (2021-2032)

5.3.2 World GaN Laser Diode Chips Production Value by Type (2021-2032)

5.3.3 World GaN Laser Diode Chips Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY BEAM MODE

6.1 World GaN Laser Diode Chips Market Size Overview by Beam Mode: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Beam Mode

6.2.1 Single Mode

6.2.2 Multi-mode

6.3 Market Segment by Beam Mode

6.3.1 World GaN Laser Diode Chips Production by Beam Mode (2021-2032)

6.3.2 World GaN Laser Diode Chips Production Value by Beam Mode (2021-2032)

6.3.3 World GaN Laser Diode Chips Average Price by Beam Mode (2021-2032)

7 MARKET ANALYSIS BY OUTPUT POWER

7.1 World GaN Laser Diode Chips Market Size Overview by Output Power: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Output Power

7.2.1 Low Power

7.2.2 Medium Power

7.2.3 High Power

7.3 Market Segment by Output Power

7.3.1 World GaN Laser Diode Chips Production by Output Power (2021-2032)

7.3.2 World GaN Laser Diode Chips Production Value by Output Power (2021-2032)

7.3.3 World GaN Laser Diode Chips Average Price by Output Power (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World GaN Laser Diode Chips Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Industrial

8.2.2 Medical

8.2.3 Display & Projection

8.2.4 Automotive

8.2.5 Blu-ray Disc

8.2.6 Other

8.3 Market Segment by Application

8.3.1 World GaN Laser Diode Chips Production by Application (2021-2032)

8.3.2 World GaN Laser Diode Chips Production Value by Application (2021-2032)

8.3.3 World GaN Laser Diode Chips Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Nichia

- 9.1.1 Nichia Details
- 9.1.2 Nichia Major Business
- 9.1.3 Nichia GaN Laser Diode Chips Product and Services
- 9.1.4 Nichia GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Nichia Recent Developments/Updates
- 9.1.6 Nichia Competitive Strengths & Weaknesses
- 9.2 Sharp Fukuyama Laser
 - 9.2.1 Sharp Fukuyama Laser Details
 - 9.2.2 Sharp Fukuyama Laser Major Business
 - 9.2.3 Sharp Fukuyama Laser GaN Laser Diode Chips Product and Services
 - 9.2.4 Sharp Fukuyama Laser GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Sharp Fukuyama Laser Recent Developments/Updates
 - 9.2.6 Sharp Fukuyama Laser Competitive Strengths & Weaknesses
- 9.3 Sony
 - 9.3.1 Sony Details
 - 9.3.2 Sony Major Business
 - 9.3.3 Sony GaN Laser Diode Chips Product and Services
 - 9.3.4 Sony GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Sony Recent Developments/Updates
 - 9.3.6 Sony Competitive Strengths & Weaknesses
- 9.4 ams OSRAM
 - 9.4.1 ams OSRAM Details
 - 9.4.2 ams OSRAM Major Business
 - 9.4.3 ams OSRAM GaN Laser Diode Chips Product and Services
 - 9.4.4 ams OSRAM GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 ams OSRAM Recent Developments/Updates
 - 9.4.6 ams OSRAM Competitive Strengths & Weaknesses
- 9.5 KYOCERA SLD Laser
 - 9.5.1 KYOCERA SLD Laser Details
 - 9.5.2 KYOCERA SLD Laser Major Business
 - 9.5.3 KYOCERA SLD Laser GaN Laser Diode Chips Product and Services
 - 9.5.4 KYOCERA SLD Laser GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 KYOCERA SLD Laser Recent Developments/Updates
 - 9.5.6 KYOCERA SLD Laser Competitive Strengths & Weaknesses

9.6 Nuvoton

9.6.1 Nuvoton Details

9.6.2 Nuvoton Major Business

9.6.3 Nuvoton GaN Laser Diode Chips Product and Services

9.6.4 Nuvoton GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Nuvoton Recent Developments/Updates

9.6.6 Nuvoton Competitive Strengths & Weaknesses

9.7 USHIO

9.7.1 USHIO Details

9.7.2 USHIO Major Business

9.7.3 USHIO GaN Laser Diode Chips Product and Services

9.7.4 USHIO GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 USHIO Recent Developments/Updates

9.7.6 USHIO Competitive Strengths & Weaknesses

9.8 BluGlass

9.8.1 BluGlass Details

9.8.2 BluGlass Major Business

9.8.3 BluGlass GaN Laser Diode Chips Product and Services

9.8.4 BluGlass GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 BluGlass Recent Developments/Updates

9.8.6 BluGlass Competitive Strengths & Weaknesses

9.9 Guangxi HURRICHIP

9.9.1 Guangxi HURRICHIP Details

9.9.2 Guangxi HURRICHIP Major Business

9.9.3 Guangxi HURRICHIP GaN Laser Diode Chips Product and Services

9.9.4 Guangxi HURRICHIP GaN Laser Diode Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Guangxi HURRICHIP Recent Developments/Updates

9.9.6 Guangxi HURRICHIP Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 GaN Laser Diode Chips Industry Chain

10.2 GaN Laser Diode Chips Upstream Analysis

10.2.1 GaN Laser Diode Chips Core Raw Materials

10.2.2 Main Manufacturers of GaN Laser Diode Chips Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 GaN Laser Diode Chips Production Mode

10.6 GaN Laser Diode Chips Procurement Model

10.7 GaN Laser Diode Chips Industry Sales Model and Sales Channels

10.7.1 GaN Laser Diode Chips Sales Model

10.7.2 GaN Laser Diode Chips Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World GaN Laser Diode Chips Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World GaN Laser Diode Chips Production Value by Region (2021-2026) & (USD Million)

Table 3. World GaN Laser Diode Chips Production Value by Region (2027-2032) & (USD Million)

Table 4. World GaN Laser Diode Chips Production Value Market Share by Region (2021-2026)

Table 5. World GaN Laser Diode Chips Production Value Market Share by Region (2027-2032)

Table 6. World GaN Laser Diode Chips Production by Region (2021-2026) & (Million Units)

Table 7. World GaN Laser Diode Chips Production by Region (2027-2032) & (Million Units)

Table 8. World GaN Laser Diode Chips Production Market Share by Region (2021-2026)

Table 9. World GaN Laser Diode Chips Production Market Share by Region (2027-2032)

Table 10. World GaN Laser Diode Chips Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World GaN Laser Diode Chips Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. GaN Laser Diode Chips Major Market Trends

Table 13. World GaN Laser Diode Chips Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)

Table 14. World GaN Laser Diode Chips Consumption by Region (2021-2026) & (Million Units)

Table 15. World GaN Laser Diode Chips Consumption Forecast by Region (2027-2032) & (Million Units)

Table 16. World GaN Laser Diode Chips Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key GaN Laser Diode Chips Producers in 2025

Table 18. World GaN Laser Diode Chips Production by Manufacturer (2021-2026) & (Million Units)

Table 19. Production Market Share of Key GaN Laser Diode Chips Producers in 2025

Table 20. World GaN Laser Diode Chips Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global GaN Laser Diode Chips Company Evaluation Quadrant

Table 22. World GaN Laser Diode Chips Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and GaN Laser Diode Chips Production Site of Key Manufacturer

Table 24. GaN Laser Diode Chips Market: Company Product Type Footprint

Table 25. GaN Laser Diode Chips Market: Company Product Application Footprint

Table 26. GaN Laser Diode Chips Competitive Factors

Table 27. GaN Laser Diode Chips New Entrant and Capacity Expansion Plans

Table 28. GaN Laser Diode Chips Mergers & Acquisitions Activity

Table 29. United States VS China GaN Laser Diode Chips Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China GaN Laser Diode Chips Production Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 31. United States VS China GaN Laser Diode Chips Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 32. United States Based GaN Laser Diode Chips Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers GaN Laser Diode Chips Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers GaN Laser Diode Chips Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers GaN Laser Diode Chips Production (2021-2026) & (Million Units)

Table 36. United States Based Manufacturers GaN Laser Diode Chips Production Market Share (2021-2026)

Table 37. China Based GaN Laser Diode Chips Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers GaN Laser Diode Chips Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers GaN Laser Diode Chips Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers GaN Laser Diode Chips Production, (2021-2026) & (Million Units)

Table 41. China Based Manufacturers GaN Laser Diode Chips Production Market Share (2021-2026)

Table 42. Rest of World Based GaN Laser Diode Chips Manufacturers, Headquarters

and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers GaN Laser Diode Chips Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers GaN Laser Diode Chips Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers GaN Laser Diode Chips Production, (2021-2026) & (Million Units)

Table 46. Rest of World Based Manufacturers GaN Laser Diode Chips Production Market Share (2021-2026)

Table 47. World GaN Laser Diode Chips Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World GaN Laser Diode Chips Production by Type (2021-2026) & (Million Units)

Table 49. World GaN Laser Diode Chips Production by Type (2027-2032) & (Million Units)

Table 50. World GaN Laser Diode Chips Production Value by Type (2021-2026) & (USD Million)

Table 51. World GaN Laser Diode Chips Production Value by Type (2027-2032) & (USD Million)

Table 52. World GaN Laser Diode Chips Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World GaN Laser Diode Chips Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World GaN Laser Diode Chips Production Value by Beam Mode, (USD Million), 2021 & 2025 & 2032

Table 55. World GaN Laser Diode Chips Production by Beam Mode (2021-2026) & (Million Units)

Table 56. World GaN Laser Diode Chips Production by Beam Mode (2027-2032) & (Million Units)

Table 57. World GaN Laser Diode Chips Production Value by Beam Mode (2021-2026) & (USD Million)

Table 58. World GaN Laser Diode Chips Production Value by Beam Mode (2027-2032) & (USD Million)

Table 59. World GaN Laser Diode Chips Average Price by Beam Mode (2021-2026) & (US\$/Unit)

Table 60. World GaN Laser Diode Chips Average Price by Beam Mode (2027-2032) & (US\$/Unit)

Table 61. World GaN Laser Diode Chips Production Value by Output Power, (USD Million), 2021 & 2025 & 2032

Table 62. World GaN Laser Diode Chips Production by Output Power (2021-2026) & (Million Units)

Table 63. World GaN Laser Diode Chips Production by Output Power (2027-2032) & (Million Units)

Table 64. World GaN Laser Diode Chips Production Value by Output Power (2021-2026) & (USD Million)

Table 65. World GaN Laser Diode Chips Production Value by Output Power (2027-2032) & (USD Million)

Table 66. World GaN Laser Diode Chips Average Price by Output Power (2021-2026) & (US\$/Unit)

Table 67. World GaN Laser Diode Chips Average Price by Output Power (2027-2032) & (US\$/Unit)

Table 68. World GaN Laser Diode Chips Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World GaN Laser Diode Chips Production by Application (2021-2026) & (Million Units)

Table 70. World GaN Laser Diode Chips Production by Application (2027-2032) & (Million Units)

Table 71. World GaN Laser Diode Chips Production Value by Application (2021-2026) & (USD Million)

Table 72. World GaN Laser Diode Chips Production Value by Application (2027-2032) & (USD Million)

Table 73. World GaN Laser Diode Chips Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World GaN Laser Diode Chips Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Nichia Basic Information, Manufacturing Base and Competitors

Table 76. Nichia Major Business

Table 77. Nichia GaN Laser Diode Chips Product and Services

Table 78. Nichia GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Nichia Recent Developments/Updates

Table 80. Nichia Competitive Strengths & Weaknesses

Table 81. Sharp Fukuyama Laser Basic Information, Manufacturing Base and Competitors

Table 82. Sharp Fukuyama Laser Major Business

Table 83. Sharp Fukuyama Laser GaN Laser Diode Chips Product and Services

Table 84. Sharp Fukuyama Laser GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 85. Sharp Fukuyama Laser Recent Developments/Updates

Table 86. Sharp Fukuyama Laser Competitive Strengths & Weaknesses

Table 87. Sony Basic Information, Manufacturing Base and Competitors

Table 88. Sony Major Business

Table 89. Sony GaN Laser Diode Chips Product and Services

Table 90. Sony GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Sony Recent Developments/Updates

Table 92. Sony Competitive Strengths & Weaknesses

Table 93. ams OSRAM Basic Information, Manufacturing Base and Competitors

Table 94. ams OSRAM Major Business

Table 95. ams OSRAM GaN Laser Diode Chips Product and Services

Table 96. ams OSRAM GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. ams OSRAM Recent Developments/Updates

Table 98. ams OSRAM Competitive Strengths & Weaknesses

Table 99. KYOCERA SLD Laser Basic Information, Manufacturing Base and Competitors

Table 100. KYOCERA SLD Laser Major Business

Table 101. KYOCERA SLD Laser GaN Laser Diode Chips Product and Services

Table 102. KYOCERA SLD Laser GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. KYOCERA SLD Laser Recent Developments/Updates

Table 104. KYOCERA SLD Laser Competitive Strengths & Weaknesses

Table 105. Nuvoton Basic Information, Manufacturing Base and Competitors

Table 106. Nuvoton Major Business

Table 107. Nuvoton GaN Laser Diode Chips Product and Services

Table 108. Nuvoton GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Nuvoton Recent Developments/Updates

Table 110. Nuvoton Competitive Strengths & Weaknesses

Table 111. USHIO Basic Information, Manufacturing Base and Competitors

Table 112. USHIO Major Business

Table 113. USHIO GaN Laser Diode Chips Product and Services

Table 114. USHIO GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. USHIO Recent Developments/Updates

Table 116. USHIO Competitive Strengths & Weaknesses

Table 117. BluGlass Basic Information, Manufacturing Base and Competitors

Table 118. BluGlass Major Business

Table 119. BluGlass GaN Laser Diode Chips Product and Services

Table 120. BluGlass GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. BluGlass Recent Developments/Updates

Table 122. BluGlass Competitive Strengths & Weaknesses

Table 123. Guangxi HURRICHIP Basic Information, Manufacturing Base and Competitors

Table 124. Guangxi HURRICHIP Major Business

Table 125. Guangxi HURRICHIP GaN Laser Diode Chips Product and Services

Table 126. Guangxi HURRICHIP GaN Laser Diode Chips Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Guangxi HURRICHIP Recent Developments/Updates

Table 128. Guangxi HURRICHIP Competitive Strengths & Weaknesses

Table 129. Global Key Players of GaN Laser Diode Chips Upstream (Raw Materials)

Table 130. Global GaN Laser Diode Chips Typical Customers

Table 131. GaN Laser Diode Chips Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. GaN Laser Diode Chips Picture

Figure 2. World GaN Laser Diode Chips Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World GaN Laser Diode Chips Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 5. World GaN Laser Diode Chips Average Price (2021-2032) & (US\$/Unit)

Figure 6. World GaN Laser Diode Chips Production Value Market Share by Region (2021-2032)

Figure 7. World GaN Laser Diode Chips Production Market Share by Region (2021-2032)

Figure 8. North America GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 9. Europe GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 10. China GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 11. Japan GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 12. China Taiwan GaN Laser Diode Chips Production (2021-2032) & (Million Units)

Figure 13. GaN Laser Diode Chips Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 16. World GaN Laser Diode Chips Consumption Market Share by Region (2021-2032)

Figure 17. United States GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 18. China GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 19. Europe GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 20. Japan GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 21. South Korea GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 22. ASEAN GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 23. India GaN Laser Diode Chips Consumption (2021-2032) & (Million Units)

Figure 24. Producer Shipments of GaN Laser Diode Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for GaN Laser Diode Chips

Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for GaN Laser Diode Chips

Markets in 2025

Figure 27. United States VS China: GaN Laser Diode Chips Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: GaN Laser Diode Chips Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: GaN Laser Diode Chips Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers GaN Laser Diode Chips Production Market Share 2025

Figure 31. China Based Manufacturers GaN Laser Diode Chips Production Market Share 2025

Figure 32. Rest of World Based Manufacturers GaN Laser Diode Chips Production Market Share 2025

Figure 33. World GaN Laser Diode Chips Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World GaN Laser Diode Chips Production Value Market Share by Type in 2025

Figure 35. UV

Figure 36. Violet Light

Figure 37. Blue Light

Figure 38. Green Light

Figure 39. World GaN Laser Diode Chips Production Market Share by Type (2021-2032)

Figure 40. World GaN Laser Diode Chips Production Value Market Share by Type (2021-2032)

Figure 41. World GaN Laser Diode Chips Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. World GaN Laser Diode Chips Production Value by Beam Mode, (USD Million), 2021 & 2025 & 2032

Figure 43. World GaN Laser Diode Chips Production Value Market Share by Beam Mode in 2025

Figure 44. Single Mode

Figure 45. Multi-mode

Figure 46. World GaN Laser Diode Chips Production Market Share by Beam Mode (2021-2032)

Figure 47. World GaN Laser Diode Chips Production Value Market Share by Beam Mode (2021-2032)

Figure 48. World GaN Laser Diode Chips Average Price by Beam Mode (2021-2032) & (US\$/Unit)

Figure 49. World GaN Laser Diode Chips Production Value by Output Power, (USD Million), 2021 & 2025 & 2032

Figure 50. World GaN Laser Diode Chips Production Value Market Share by Output Power in 2025

Figure 51. Low Power

Figure 52. Medium Power

Figure 53. High Power

Figure 54. World GaN Laser Diode Chips Production Market Share by Output Power (2021-2032)

Figure 55. World GaN Laser Diode Chips Production Value Market Share by Output Power (2021-2032)

Figure 56. World GaN Laser Diode Chips Average Price by Output Power (2021-2032) & (US\$/Unit)

Figure 57. World GaN Laser Diode Chips Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World GaN Laser Diode Chips Production Value Market Share by Application in 2025

Figure 59. Industrial

Figure 60. Medical

Figure 61. Display & Projection

Figure 62. Automotive

Figure 63. Blu-ray Disc

Figure 64. Other

Figure 65. World GaN Laser Diode Chips Production Market Share by Application (2021-2032)

Figure 66. World GaN Laser Diode Chips Production Value Market Share by Application (2021-2032)

Figure 67. World GaN Laser Diode Chips Average Price by Application (2021-2032) & (US\$/Unit)

Figure 68. GaN Laser Diode Chips Industry Chain

Figure 69. GaN Laser Diode Chips Procurement Model

Figure 70. GaN Laser Diode Chips Sales Model

Figure 71. GaN Laser Diode Chips Sales Channels, Direct Sales, and Distribution

Figure 72. Methodology

Figure 73. Research Process and Data Source

I would like to order

Product name: Global GaN Laser Diode Chips Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G512EFED7BBDEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G512EFED7BBDEN.html>