

Global GaAs Industry Research Report 2020, Forecast to 2025

https://marketpublishers.com/r/GF7609FC1592EN.html

Date: June 2020 Pages: 101 Price: US\$ 2,560.00 (Single User License) ID: GF7609FC1592EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The GaAs market was valued at US\$ xx in 2019, prior to COVID-19. Whereas post-COVID-19 scenario, the market for GaAs is projected to grow from US\$ xx million in 2020, and is projected to reach xx by 2025, at a CAGR of xx% during the forecast period. Projected and forecast revenue values are in constant U.S. dollars, unadjusted for inflation. Product values are estimated based on manufacturers' revenue.

The report offers detailed coverage of GaAs industry and main market trends. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading GaAs by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

In addition to this data, the report provides insight into drivers of market demand and strategies of suppliers. Key players are profiled, and their market shares in the global GaAs market are discussed.

The market is segmented by types:

LEC Grown GaAs

VGF Grown GaAs

It can be also divided by applications:



Wireless Communication

Optoelectronic Devices

And this report covers the historical situation, present status and the future prospects of the global GaAs market for 2015-2025. In this report, we analyze global market from 5 geographies: Asia-Pacific, Europe, North America, Middle East & Africa, South America.

Finally, the report provides detailed profile and data information analysis of leading company.

Freiberger Compound Materials DOWA Electronics Materials China Crystal Technologies AXT Yunnan Germanium Sumitomo Electric IQE Corporation Tianjin Jingming Electronic Materials Shenzhou Crystal Technology II-VI Incorporated Wafer Technology

Report Includes:

xx data tables and xx additional tables



An overview of global GaAs market

An detailed key players analysis across regions

Analyses of global market trends, with historical data, estimates for 2020 and projections of compound annual growth rates (CAGRs) through 2025

Insights into regulatory and environmental developments

Information on the supply and demand scenario and evaluation of technological and investment opportunities in the GaAs market

Profiles of major players in the industry, including Freiberger Compound Materials, DOWA Electronics Materials, China Crystal Technologies, AXT, Yunnan Germanium.....

Research objectives

To study and analyze the global GaAs consumption (value & volume) by key regions/countries, product type and application, history data from 2015 to 2019, and forecast to 2025.

To understand the structure of GaAs market by identifying its various subsegments.

Focuses on the key global GaAs manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, Porter's five forces analysis, SWOT analysis and development plans in next few years.

To analyze the GaAs with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of GaAs submarkets, with respect to key regions (along with their respective key countries).



To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



Contents

Global GaAs Market Report 2020, Forecast to 2025

1 SCOPE OF THE STUDY

- 1.1 GaAs Introduction
- 1.2 Research Programs
- 1.3 Analysis of Macroeconomic Indicators
- 1.4 Years Considered
- 1.5 Methodology
- 1.6 Data Source
- 1.7 Research Objectives

2 GAAS INDUSTRY OVERVIEW

- 2.1 Global GaAs Market Size (Million USD) Comparison by Regions (2020-2025)
 - 2.1.1 GaAs Global Import Market Analysis
 - 2.1.2 GaAs Global Export Market Analysis
- 2.1.3 GaAs Global Main Region Market Analysis
- 2.2 Market Analysis by Type
 - 2.2.1 LEC Grown GaAs
 - 2.2.2 VGF Grown GaAs
- 2.3 Market Analysis by Application
 - 2.3.1 Wireless Communication
 - 2.3.2 Optoelectronic Devices
- 2.4 Global GaAs Revenue, Sales and Market Share by Manufacturer
- 2.4.1 Global GaAs Sales and Market Share by Manufacturer (2018-2020)
- 2.4.2 Global GaAs Revenue and Market Share by Manufacturer (2018-2020)
- 2.4.3 Global GaAs Industry Concentration Ratio (CR5 and HHI)
- 2.4.4 Top 5 GaAs Manufacturer Market Share
- 2.4.5 Top 10 GaAs Manufacturer Market Share
- 2.4.6 Date of Key Manufacturers Enter into GaAs Market
- 2.4.7 Key Manufacturers GaAs Product Offered
- 2.4.8 Mergers & Acquisitions Planning
- 2.5 GaAs Historical Development Overview
- 2.6 Market Dynamics
 - 2.6.1 Market Opportunities
 - 2.6.2 Market Risk



- 2.6.3 Market Driving Force
- 2.6.4 Porter's Five Forces Analysis
- 2.7 Coronavirus Disease 2019 (Covid-19): GaAs Industry Impact
- 2.7.1 How the Covid-19 is Affecting the GaAs Industry
- 2.7.2 GaAs Business Impact Assessment Covid-19
- 2.7.3 Market Trends and GaAs Potential Opportunities in the COVID-19 Landscape
- 2.7.4 Measures / Proposal against Covid-19

3 UPSTREAM AND DOWNSTREAM MARKET ANALYSIS

- 3.1 Upstream Analysis
- 3.1.1 Macro Analysis of Upstream Markets
- 3.1.2 Key Players in Upstream Markets
- 3.1.3 Upstream Market Trend Analysis
- 3.1.4 GaAs Manufacturing Cost Analysis
- 3.2 Downstream Market Analysis
 - 3.2.1 Macro Analysis of Down Markets
 - 3.2.2 Key Players in Down Markets
 - 3.2.3 Downstream Market Trend Analysis
 - 3.2.4 Sales Channel, Distributors, Traders and Dealers

4 GLOBAL GAAS MARKET SIZE CATEGORIZED BY REGIONS (2015-2020)

- 4.1 Global GaAs Sales Market Share by Region
- 4.2 Global GaAs Revenue Market Share by Region (2015-2019)
- 4.3 Global GaAs Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.4 North America GaAs Market Size Detail
- 4.4.1 North America GaAs Sales Growth Rate (2015-2020)
- 4.4.2 North America GaAs Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.5 Europe GaAs Market Size Detail
- 4.5.1 Europe GaAs Sales Growth Rate (2015-2020)
- 4.5.2 Europe GaAs Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.6 Japan GaAs Market Size Detail
- 4.6.1 Japan GaAs Sales Growth Rate (2015-2020)
- 4.6.2 Japan GaAs Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.7 China GaAs Market Size Detail
 - 4.7.1 China GaAs Sales Growth Rate (2015-2020)
 - 4.7.2 China GaAs Sales, Revenue, Price and Gross Margin (2015-2020)



5 GLOBAL GAAS MARKET SEGMENT BY TYPE

5.1 Global GaAs Revenue, Sales and Market Share by Type (2015-2020)
5.1.1 Global GaAs Sales and Market Share by Type (2015-2020)
5.1.2 Global GaAs Revenue and Market Share by Type (2015-2020)
5.2 LEC Grown GaAs Sales Growth Rate and Price
5.2.1 Global LEC Grown GaAs Sales Growth Rate (2015-2020)
5.2.2 Global LEC Grown GaAs Price (2015-2020)
5.3 VGF Grown GaAs Sales Growth Rate and Price
5.3.1 Global VGF Grown GaAs Sales Growth Rate (2015-2020)
5.3.2 Global VGF Grown GaAs Price (2015-2020)

6 GLOBAL GAAS MARKET SEGMENT BY APPLICATION

- 6.1 Global GaAsSales Market Share by Application (2015-2020)
- 6.2 Wireless Communication Sales Growth Rate (2015-2020)
- 6.3 Optoelectronic Devices Sales Growth Rate (2015-2020)

7 GLOBAL GAAS MARKET FORECAST

- 7.1 Global GaAs Sales, Revenue Forecast
 - 7.1.1 Global GaAs Sales Growth Rate Forecast (2020-2025)
 - 7.1.2 Global GaAs Revenue and Growth Rate Forecast (2020-2025)
- 7.1.3 Global GaAs Price and Trend Forecast (2020-2025)
- 7.2 Global GaAs Sales Forecast by Region (2020-2025)
- 7.2.1 North America GaAs Sales, Revenue Forecast (2020-2025)
- 7.2.2 Europe GaAs Sales, Revenue Forecast (2020-2025)
- 7.2.3 Japan GaAs Production, Revenue Forecast (2020-2025)
- 7.2.4 China GaAs Production, Revenue Forecast (2020-2025)

8 ANALYSIS OF GAAS INDUSTRY KEY MANUFACTURERS

- 8.1 Freiberger Compound Materials
 - 8.1.1 Company Details
 - 8.1.2 Product Information

8.1.3 Freiberger Compound Materials GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)

- 8.1.4 Main Business Overview
- 8.1.5 Freiberger Compound Materials News



8.2 DOWA Electronics Materials

- 8.2.1 Company Details
- 8.2.2 Product Information

8.2.3 DOWA Electronics Materials GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)

- 8.2.4 Main Business Overview
- 8.2.5 DOWA Electronics Materials News
- 8.3 China Crystal Technologies
 - 8.3.1 Company Details
 - 8.3.2 Product Information

8.3.3 China Crystal Technologies GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)

- 8.3.4 Main Business Overview
- 8.3.5 China Crystal Technologies News

8.4 AXT

- 8.4.1 Company Details
- 8.4.2 Product Information
- 8.4.3 AXT GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
- 8.4.4 Main Business Overview
- 8.4.5 AXT News

8.5 Yunnan Germanium

- 8.5.1 Company Details
- 8.5.2 Product Information

8.5.3 Yunnan Germanium GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)

8.5.4 Main Business Overview

- 8.5.5 Yunnan Germanium News
- 8.6 Sumitomo Electric
 - 8.6.1 Company Details
 - 8.6.2 Product Information

8.6.3 Sumitomo Electric GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)

- 8.6.4 Main Business Overview
- 8.6.5 Sumitomo Electric News
- 8.7 IQE Corporation
 - 8.7.1 Company Details
 - 8.7.2 Product Information

8.7.3 IQE Corporation GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)



- 8.7.4 Main Business Overview
- 8.7.5 IQE Corporation News
- 8.8 Tianjin Jingming Electronic Materials
 - 8.8.1 Company Details
 - 8.8.2 Product Information
- 8.8.3 Tianjin Jingming Electronic Materials GaAs Production, Price, Cost, Gross
- Margin, and Revenue (2018-2020)
- 8.8.4 Main Business Overview
- 8.8.5 Tianjin Jingming Electronic Materials News
- 8.9 Shenzhou Crystal Technology
- 8.9.1 Company Details
- 8.9.2 Product Information
- 8.9.3 Shenzhou Crystal Technology GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
- 8.9.4 Main Business Overview
- 8.9.5 Shenzhou Crystal Technology News
- 8.10 II-VI Incorporated
- 8.10.1 Company Details
- 8.10.2 Product Information
- 8.10.3 II-VI Incorporated GaAs Production, Price, Cost, Gross Margin, and Revenue
- (2018-2020)
 - 8.10.4 Main Business Overview
- 8.10.5 II-VI Incorporated News
- 8.11 Wafer Technology
 - 8.11.1 Company Details
 - 8.11.2 Product Information
- 8.11.3 Wafer Technology GaAs Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
 - 8.11.4 Main Business Overview
- 8.11.5 Wafer Technology News

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX



List Of Tables

LIST OF TABLES AND FIGURES

Figure GaAs Picture Figure Research Programs/Design for This Report Figure Global GaAs Market by Regions (2019) Table Global Market GaAs Comparison by Regions (M USD) 2019-2025 Table Global GaAs Sales Growth (CAGR) (2019-2025) by Type Figure Global Sales Market Share of GaAs by Type in 2019 Figure LEC Grown GaAs Picture Figure VGF Grown GaAs Picture Table Global GaAs Sales by Application (2019-2025) Figure Global GaAs Sales Market Share by Application in 2019 **Figure Wireless Communication Picture** Figure Optoelectronic Devices Picture Table Global GaAs Sales by Manufacturer (2018-2020) Figure Global GaAs Sales Market Share by Manufacturer in 2019 Table Global GaAs Revenue by Manufacturer (2018-2020) Figure Global GaAs Revenue Market Share by Manufacturer in 2019 Table Global GaAs Manufacturers Market Concentration Ratio (CR5 and HHI) Figure Top 5 GaAs Manufacturer (Revenue) Market Share in 2019 Figure Top 10 GaAs Manufacturer (Revenue) Market Share in 2019 Table Date of Key Manufacturers Enter into GaAs Market Table Key Manufacturers GaAs Product Type Table Mergers & Acquisitions Planning Table Market Opportunities in Next Few Years Table Market Risks Analysis **Table Market Drivers** Table Key Players of Upstream Markets Table Key Raw Materials Figure Price Trend of Key Raw Materials Table Key Suppliers of Raw Materials Figure Manufacturing Cost Structure of GaAs Table Key Players of Upstream Markets **Figure Sales Channel** Table Global GaAs Sales (K Units) by Region (2015-2020) Table Global GaAs Sales Market Share by Region (2015-2019) Figure Global GaAs Sales Market Share by Region (2015-2019)



Figure Global GaAs Sales Market Share by Region in 2018 Table Global GaAs Revenue (Million US\$) by Region (2015-2020) Table Global GaAs Revenue Market Share by Region (2015-2020) Figure Global GaAs Revenue Market Share by Region (2015-2020) Figure Global GaAs Revenue Market Share by Region in 2019 Table Global GaAs Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020) Figure North America GaAs Sales (K Units) Growth Rate (2015-2020) Table North America GaAs Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020) Figure Europe GaAs Sales (K Units) Growth Rate (2015-2020) Table Europe GaAs Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020) Figure Japan GaAs Sales (K Units) Growth Rate (2015-2020) Table Japan GaAs Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020) Figure China GaAs Sales (K Units) Growth Rate (2015-2020) Table China GaAs Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020) Table Global GaAs Sales by Type (2015-2020) Table Global GaAs Sales Market Share by Type (2015-2020) Figure Global GaAs Sales Market Share by Type in 2019 Table Global GaAs Revenue by Type (2015-2020) Table Global GaAs Revenue Market Share by Type (2015-2020) Figure Global GaAs Revenue Market Share by Type in 2019 Figure Global LEC Grown GaAs Sales Growth Rate (2015-2020) Figure Global LEC Grown GaAs Price (2015-2020) Figure Global VGF Grown GaAs Sales Growth Rate (2015-2020) Figure Global VGF Grown GaAs Price (2015-2020) Table Global GaAs Sales by Application (2015-2020) Table Global GaAs Sales Market Share by Application (2015-2020) Figure Global GaAs Sales Market Share by Application in 2019 Figure Global Wireless Communication Sales Growth Rate (2015-2020) Figure Global Optoelectronic Devices Sales Growth Rate (2015-2020) Figure Global GaAs Production (K Units) Growth Rate Forecast (2020-2025) Figure Global GaAs Revenue (Million US\$) Growth Rate Forecast (2020-2025) Figure Global GaAs Price and Trend Forecast (2020-2025) Table Global GaAs Sales (K Units) Forecast by Region (2020-2025) Figure Global GaAs Production Market Share Forecast by Region (2020-2025)



Figure North America GaAs Sales (K Units) Growth Rate Forecast (2020-2025) Figure North America GaAs Revenue (Million US\$) Growth Rate Forecast (2020-2025) Figure Europe GaAs Sales (K Units) Growth Rate Forecast (2020-2025) Figure Europe GaAs Revenue (Million US\$) Growth Rate Forecast (2020-2025) Figure Japan GaAs Production (K Units) Growth Rate Forecast (2020-2025) Figure Japan GaAs Revenue (Million US\$) Growth Rate Forecast (2020-2025) Figure China GaAs Production (K Units) Growth Rate Forecast (2020-2025) Figure China GaAs Revenue (Million US\$) Growth Rate Forecast (2020-2025) Table Freiberger Compound Materials Company Profile Figure GaAs Product Picture and Specifications of Freiberger Compound Materials Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Freiberger Compound Materials GaAs Market Share (2018-2020) Table Freiberger Compound Materials Main Business Table Freiberger Compound Materials Recent Development **Table DOWA Electronics Materials Company Profile** Figure GaAs Product Picture and Specifications of DOWA Electronics Materials Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure DOWA Electronics Materials GaAs Market Share (2018-2020) **Table DOWA Electronics Materials Main Business** Table DOWA Electronics Materials Recent Development Table China Crystal Technologies Company Profile Figure GaAs Product Picture and Specifications of China Crystal Technologies Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure China Crystal Technologies GaAs Market Share (2018-2020) Table China Crystal Technologies Main Business Table China Crystal Technologies Recent Development Table AXT Company Profile Figure GaAs Product Picture and Specifications of AXT Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure AXT GaAs Market Share (2018-2020) **Table AXT Main Business** Table AXT Recent Development Table Yunnan Germanium Company Profile Figure GaAs Product Picture and Specifications of Yunnan Germanium Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Yunnan Germanium GaAs Market Share (2018-2020) Table Yunnan Germanium Main Business Table Yunnan Germanium Recent Development Table Sumitomo Electric Company Profile



Figure GaAs Product Picture and Specifications of Sumitomo Electric Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Sumitomo Electric GaAs Market Share (2018-2020) **Table Sumitomo Electric Main Business** Table Sumitomo Electric Recent Development Table IQE Corporation Company Profile Figure GaAs Product Picture and Specifications of IQE Corporation Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure IQE Corporation GaAs Market Share (2018-2020) Table IQE Corporation Main Business Table IQE Corporation Recent Development Table Tianjin Jingming Electronic Materials Company Profile Figure GaAs Product Picture and Specifications of Tianjin Jingming Electronic Materials Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Tianjin Jingming Electronic Materials GaAs Market Share (2018-2020) Table Tianjin Jingming Electronic Materials Main Business Table Tianjin Jingming Electronic Materials Recent Development Table Shenzhou Crystal Technology Company Profile Figure GaAs Product Picture and Specifications of Shenzhou Crystal Technology Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Shenzhou Crystal Technology GaAs Market Share (2018-2020) Table Shenzhou Crystal Technology Main Business Table Shenzhou Crystal Technology Recent Development Table II-VI Incorporated Company Profile Figure GaAs Product Picture and Specifications of II-VI Incorporated Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure II-VI Incorporated GaAs Market Share (2018-2020) Table II-VI Incorporated Main Business Table II-VI Incorporated Recent Development Table Wafer Technology Company Profile Figure GaAs Product Picture and Specifications of Wafer Technology Table GaAs Production, Price, Revenue and Gross Margin of 2018-2020 Figure Wafer Technology GaAs Market Share (2018-2020) Table Wafer Technology Main Business Table Wafer Technology Recent Development Table of Appendix



I would like to order

Product name: Global GaAs Industry Research Report 2020, Forecast to 2025 Product link: <u>https://marketpublishers.com/r/GF7609FC1592EN.html</u> Price: US\$ 2,560.00 (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 <u>https://marketpublishers.com/r/GF7609FC1592EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970