

# **Global Integrated Graphic Processor Market Size study & Forecast, by Application (Gaming, Cloud Computing, Workstation, Artificial Intelligence, Driverless Vehicles, Others), by Industrial Vertical (Automotive, Media & Entertainment, Aerospace & Defense, Construction, Consumer Electronics) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Integrated Graphic Processor Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Integrated Graphic Processor is a graphics chip that is integrated into a computer's motherboard. The IGP serves the same purpose as a video card, no separate graphics or video memory bank is used by integrated graphics hardware. Instead, the GPU makes use of shared system memory with the CPU. The Integrated Graphic Processor market is expanding because of factors such as rising adoption of artificial intelligence and growing advancement of technology and the need for fast calculations.

According to Statista, in 2020, the global graphics processing unit market was valued at USD 25.41 billion, and estimated to rise to 246.51 billion U.S. dollars by 2028, growing at a compound annual growth rate of 32.82 % from 2021 to 2028. Another important component driving space increase is rising adoption of artificial intelligence. In 2020, the global artificial intelligence (AI) market, which consists of the software, hardware, and services sectors, generated about 281.4 billion USD. According to estimates, the AI software market contributed 247.7 billion US dollars, or 88 percent, of the entire AI market revenues in that year. The market for artificial intelligence is expected to generate 327.5 billion US dollars in 2021, a further growth in revenue .However, the

high integration cost of Integrated Graphic Processors stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Integrated Graphic Processor Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the factors such as growing advancement of technology and need for fast calculations. According to Statista, in 2022, the artificial intelligence market in North America is projected to reach around USD 24.9 billion, considered to be major regional artificial intelligence market. Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as increase in investment in building game zones and infrastructure development in the market space.

Major market players included in this report are:

Intel Corporation  
Advanced Micro Devices, Inc  
NVIDIA Corporation  
ASUSTeK Computer Inc  
EVGA Corporation  
GIGA-BYTE Technology Co  
ZOTAC  
VIA Technologies, Inc  
SAPPHIRE Technology Limited  
Imagination Technologies Limited

Recent Developments in the Market:

In September 2019 - NVIDIA and ASUS announced that the Quadro RTX 6000 GPU will power the ASUS ProArt StudioBook One. It joins 11 other new RTX studio systems, launched in time for IFA, and brings the total number of RTX Studio systems to 39.

In Nov 2022 NVIDIA Partners with NHS Trusts to Deploy AI Platform in UK Hospitals. The complexity of medical workflows from R&D to the clinic is being reduced through MONAI. As a result, a model that is ready for clinical integration may be created, making it simpler to interpret medical examinations and unlock new levels of patient knowledge. It also enables developers to quickly create and deploy AI applications.

Global Integrated Graphic Processor Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Industrial Vertical, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Gaming

Cloud Computing

Workstation

Artificial Intelligence

Driverless Vehicles

By Industrial Vertical:

Automotive

Media & Entertainment

Aerospace & Defense

Construction

Consumer Electronics

By Region:

North America

U.S.

Canada

Europe

UK

Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Integrated Graphic Processor Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Integrated Graphic Processor Market, by Application, 2019-2029 (USD Billion)
  - 1.2.3. Integrated Graphic Processor Market, by Industrial Vertical, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET DYNAMICS**

- 3.1. Integrated Graphic Processor Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising adoption of artificial intelligence
    - 3.1.1.2. Growing advancement of technology and need for fast calculations
  - 3.1.2. Market Challenges
    - 3.1.2.1. High initial Cost of integration in Integrated Graphic Processor
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increase in investment in building game zones

### **CHAPTER 4. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Integrated Graphic Processor Market by Application, Performance - Potential Analysis
- 6.3. Global Integrated Graphic Processor Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 6.4. Integrated Graphic Processor Market, Sub Segment Analysis
  - 6.4.1. Gaming
  - 6.4.2. Cloud Computing
  - 6.4.3. Workstation
  - 6.4.4. Artificial Intelligence
  - 6.4.5. Driverless Vehicles
  - 6.4.6. Others

## **CHAPTER 7. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET, BY INDUSTRIAL VERTICAL**

- 7.1. Market Snapshot
- 7.2. Global Integrated Graphic Processor Market by Industrial Vertical, Performance - Potential Analysis
- 7.3. Global Integrated Graphic Processor Market Estimates & Forecasts by Industrial Vertical 2019-2029 (USD Billion)
- 7.4. Integrated Graphic Processor Market, Sub Segment Analysis
  - 7.4.1. Automotive
  - 7.4.2. Media & Entertainment
  - 7.4.3. Aerospace & Defense
  - 7.4.4. Construction
  - 7.4.5. Consumer Electronics

## **CHAPTER 8. GLOBAL INTEGRATED GRAPHIC PROCESSOR MARKET, REGIONAL ANALYSIS**

- 8.1. Integrated Graphic Processor Market, Regional Market Snapshot
- 8.2. North America Integrated Graphic Processor Market
  - 8.2.1. U.S. Integrated Graphic Processor Market
    - 8.2.1.1. Application breakdown estimates & forecasts, 2019-2029
    - 8.2.1.2. Industrial Vertical breakdown estimates & forecasts, 2019-2029
  - 8.2.2. Canada Integrated Graphic Processor Market
- 8.3. Europe Integrated Graphic Processor Market Snapshot
  - 8.3.1. U.K. Integrated Graphic Processor Market
  - 8.3.2. Germany Integrated Graphic Processor Market
  - 8.3.3. France Integrated Graphic Processor Market
  - 8.3.4. Spain Integrated Graphic Processor Market
  - 8.3.5. Italy Integrated Graphic Processor Market
  - 8.3.6. Rest of Europe Integrated Graphic Processor Market
- 8.4. Asia-Pacific Integrated Graphic Processor Market Snapshot
  - 8.4.1. China Integrated Graphic Processor Market
  - 8.4.2. India Integrated Graphic Processor Market
  - 8.4.3. Japan Integrated Graphic Processor Market
  - 8.4.4. Australia Integrated Graphic Processor Market
  - 8.4.5. South Korea Integrated Graphic Processor Market
  - 8.4.6. Rest of Asia Pacific Integrated Graphic Processor Market
- 8.5. Latin America Integrated Graphic Processor Market Snapshot
  - 8.5.1. Brazil Integrated Graphic Processor Market
  - 8.5.2. Mexico Integrated Graphic Processor Market

- 8.5.3. Rest of Latin America Integrated Graphic Processor Market
- 8.6. Rest of The World Integrated Graphic Processor Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. Intel Corporation
    - 9.2.1.1. Key Information
    - 9.2.1.2. Overview
    - 9.2.1.3. Financial (Subject to Data Availability)
    - 9.2.1.4. Product Summary
    - 9.2.1.5. Recent Developments
  - 9.2.2. Advanced Micro Devices, Inc
  - 9.2.3. NVIDIA Corporation
  - 9.2.4. ASUSTeK Computer Inc
  - 9.2.5. EVGA Corporation
  - 9.2.6. GIGA-BYTE Technology Co
  - 9.2.7. ZOTAC
  - 9.2.8. VIA Technologies, Inc
  - 9.2.9. SAPPHIRE Technology Limited
  - 9.2.10. Imagination Technologies Limited



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Integrated Graphic Processor Market, report scope

TABLE 2. Global Integrated Graphic Processor Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Integrated Graphic Processor Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 4. Global Integrated Graphic Processor Market estimates & forecasts by Industrial Vertical 2019-2029 (USD Billion)

TABLE 5. Global Integrated Graphic Processor Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Integrated Graphic Processor Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Integrated Graphic Processor Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Integrated Graphic Processor Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Integrated Graphic Processor Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Integrated Graphic Processor Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Integrated Graphic Processor Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Integrated Graphic Processor Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Integrated Graphic Processor Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Integrated Graphic Processor Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Integrated Graphic Processor Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 39. China Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row Integrated Graphic Processor Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Integrated Graphic Processor Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Integrated Graphic Processor Market

TABLE 70. List of primary sources, used in the study of global Integrated Graphic Processor Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Integrated Graphic Processor Market, research methodology
- FIG 2. Global Integrated Graphic Processor Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Integrated Graphic Processor Market, key trends 2021
- FIG 5. Global Integrated Graphic Processor Market, growth prospects 2022-2029
- FIG 6. Global Integrated Graphic Processor Market, porters 5 force model
- FIG 7. Global Integrated Graphic Processor Market, pest analysis
- FIG 8. Global Integrated Graphic Processor Market, value chain analysis
- FIG 9. Global Integrated Graphic Processor Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Integrated Graphic Processor Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Integrated Graphic Processor Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Integrated Graphic Processor Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Integrated Graphic Processor Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Integrated Graphic Processor Market, regional snapshot 2019 & 2029
- FIG 15. North America Integrated Graphic Processor Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Integrated Graphic Processor Market 2019 & 2029 (USD Billion)
- FIG 17. Asia Pacific Integrated Graphic Processor Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Integrated Graphic Processor Market 2019 & 2029 (USD Billion)
- FIG 19. Global Integrated Graphic Processor Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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