

# Graphic Processing Unit Market Growing at 33.6% CAGR to Hit USD 200.85 Bn | Growth, Share Analysis, Company Profiles

*By type, in 2019 the integrated GPUs dominated the Graphic Processing Unit (GPU) market size.*

WILMINGTON, DE, UNITED STATES, August 13, 2025 /EINPresswire.com/ -- As per the report published by Allied Market Research Titled "[Graphic Processing Unit \(GPU\) Market](#) by Type

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The global graphic processing unit market size was valued at \$19.75 billion in 2019, and is projected to reach at \$200.85 billion by 2027, growing at a CAGR of 33.6% from 2020 to 2027. ”

*Allied Market Research*

(Dedicated, Integrated, and Hybrid), Device (Computer, Tablet, Smartphone, Gaming Console, Television, and Others), Industry Vertical (Electronics, IT & Telecommunication, Defense & Intelligence, Media & Entertainment, and Others): Global Opportunity Analysis and Industry Forecast, 2020-2027”

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The report includes a detailed analysis of the dynamic factors such as drivers, restraints, challenges, and opportunities. The drivers and opportunities help to comprehend the rapidly changing industry trends and how they can impact the growth of the market. Moreover, the challenges and restraints analyzed in the report help recognize profitable market investments. The global [graphic processing unit \(GPU\)](#) report provides quantitative and qualitative analysis of the market from 2021 to 2030. The qualitative study focuses on the value chain analysis, key regulations, and pain point analysis.

The global graphic processing unit (GPU) market report includes an overview of the market and highlights market definition and scope along with major factors that shape the graphic processing unit (GPU) market. The study outlines the major market trends and driving factors that boost the growth of the graphic processing unit (GPU) market. The report includes an in-depth study of sales, market size, sales analysis, and prime drivers, challenges, and opportunities.

Key Segmentation  
By Type

- Dedicated
- Integrated
- Hybrid

#### By Device

- Computer
- Tablet
- Smartphone
- Gaming Console
- Television
- Others

#### By Industry Vertical

- Electronics
- IT & Telecommunication
- Defense & Intelligence
- Media & Entertainment
- Others

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The market study further promotes a sustainable market scenario on the basis of key product offerings. On the other hand, Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network. The report provides an explicit global graphic processing unit (GPU) market breakdown and exemplifies how the opposition will take shape in the new few years to come. Rendering the top ten industry players functional in the market, the study emphasizes on the policies & approaches integrated by them to retain their foothold in the industry.

The analysis highlights the highest revenue generating and fastest growing segments. These insights are helpful in devising strategies and achieving a sustainable growth. The graphic processing unit (GPU) market is studied on the basis of different segments including type, applications, and region. This makes the study well organized and resourceful along with promoting easy understanding. The report a comprehensive data based on each segment of the graphic processing unit (GPU) market.

The graphic processing unit (GPU) market is analyzed on the basis of geographical penetration along with a study of market influence in the various regions such as North America (United States, Canada, and Mexico), Europe (Germany, France, UK, Russia, and Italy), Asia-Pacific (China, Japan, Korea, India, and Southeast Asia), South America (Brazil, Argentina, Colombia), Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, and South Africa).

The report provides the SWOT analysis of the key market players including, IBM Corporation,

Intel Corporation, NVIDIA Corporation, Samsung Electronics Co., Ltd., Qualcomm Incorporated, Advanced Micro Devices, Inc., Dassault Systems, Inc., Google LLC, Siemens AG, Sony Corporation, which gives the business overview, financial analysis, and portfolio analysis of products and services. The latest news related to industry developments in terms of market expansions, acquisitions, growth -strategies, joint ventures, collaborations, product launches, market expansions etc. are included in the report for the better understanding of the stakeholders in framing strategic decisions to gain long term profitability and market share.

The global graphic processing unit (GPU) market offers a detailed overview of the industry based on the main parameters including market extent, probable deals, sales analysis, and essential drivers. The market report is summarized enfolding the operations of an array of different organizations in the sector from different regions. The study is a perfect consolidation of quantitative and qualitative information accentuating on the key industry developments and challenges that the market is facing along with the lucrative opportunities available in the sector. The graphic processing unit (GPU) market report also showcases the factual data throughout the forecast period and brings about an estimate till 2031.

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## Our Report Provides

- Thorough inquiry of market assessments for all the segments
- Detailed market examination from the viewpoint of the frontrunners in the industry
- Tactical slants and approaches incorporated by new entrants
- Graphic processing unit (GPU) market forecasts on regional base for the next few years
- Competitive exploration of the present market trends
- Profiling of companies along with their exclusive strategies.

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