

# **2020-2025 Global GPU Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)**

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## **Abstracts**

Graphics processing unit (GPU) is a specialized electronic circuit designed to rapidly manipulate and alter memory to accelerate the creation of images in a frame buffer intended for output to a display device. GPUs are used in embedded systems, mobile phones, personal computers, workstations, and game consoles. Modern GPUs are very efficient at manipulating computer graphics and image processing. Their highly parallel structure makes them more efficient than general-purpose central processing units (CPUs) for algorithms that process large blocks of data in parallel. In a personal computer, a GPU can be present on a video card or embedded on the motherboard. This report elaborates the market size, market characteristics, and market growth of the GPU industry, and breaks down according to the type, application, and consumption area of GPU. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for GPU in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global GPU market covered in Chapter 13:

Imagination Technologies Ltd.

Matrox Electronic Systems Ltd.

Advanced Micro Devices, Inc

IBM

Intel Corporation

Qualcomm Incorporated  
NVIDIA Corporation  
Fujitsu Ltd.  
Sony Corporation  
ARM Holdings PLC  
3DLabs Inc  
Taiwan Semiconductor Manufacturing Company Ltd.  
Vivante Corporation

In Chapter 6, on the basis of types, the GPU market from 2015 to 2025 is primarily split into:

Dedicated  
Integrated  
Hybrid

In Chapter 7, on the basis of applications, the GPU market from 2015 to 2025 covers:

Electronics  
IT & Telecommunication  
Defense & Intelligence  
Media & Entertainment  
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States  
Europe  
China  
Japan  
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)  
United States  
Canada  
Mexico  
Europe (Covered in Chapter 9)  
Germany  
UK

France  
Italy  
Spain  
Others  
Asia-Pacific (Covered in Chapter 10)  
China  
Japan  
India  
South Korea  
Southeast Asia  
Others  
Middle East and Africa (Covered in Chapter 11)  
Saudi Arabia  
UAE  
South Africa  
Others  
South America (Covered in Chapter 12)  
Brazil  
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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