

North America Graphic Processing Unit Market (2016 - 2022)

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Abstracts

A graphics processing unit (GPU) is a fully dedicated electronic circuit which is designed to deploy and modify memory to accelerate the display and creation of images. The adoption of GPU enables the creation of intricate shapes, complex optical effects, and seamless motion to deliver enhanced images much faster than traditional methods. GPUs have the potential to perform parallel computation tasks, which has a significant influence on the speed. GPUs are increasingly used in creating complex visual effects in games and entertainment applications. Significantly superior performance and functionality of GPUs have made them potential coprocessors for general-purpose computation. Extensive research is in the process and some already in the day light which are focused on exploiting GPU's vector processing and parallelism capabilities.

The graphic processing unit (GPU) market is anticipated to witness significant growth due to the growing need for reliable, efficient, and faster graphic processing systems for devices such as smartphones, wearable's, tablets, gaming consoles, and others. Need for enhanced graphic computing system for artificial intelligence (AI) platforms and virtual reality (VR) & augmented reality (AR) would be the factors that would drive the GPU market.

Based on the type, the Graphic Processing Unit market is segmented into Integrated, Dedicated and Hybrid. Based on the Device, the market is segmented into Smartphone, Computer, Gaming Console, Television, Tablets and Others. The verticals covered under the report include Electronics, Telecom & IT, Defense & Intelligence, Media & Entertainment and Others.

Based on Country, North America Graphic Processing Unit market is segmented into US, Canada, Mexico and Rest of North America. US remained the dominant Country in

the North America Graphic Processing Unit market in 2015. Canada would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Graphics Processing Unit market. Key companies profiled in the report include IBM Corporation, Samsung Electronics Co. Ltd., Fujitsu Limited, Intel Corporation, NVIDIA Corporation., Advanced Micro Devices, Inc., Taiwan Semiconductor Manufacturing Company, Limited, ARM Holdings plc. and Broadcom Corporation.

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