

Information about the RTX 3050 Ti Graphics Card

NVIDIA has launched the RTX 3050 Ti card that offers good graphics performance for gaming and has an accessible price point.

Graphics cards for gaming laptops in the low-mid-range segment are always a problem for technology companies, meeting good gaming capabilities but must have a good price. And NVIDIA has launched the GEFORCE RTX 3050 Ti graphics card to meet this demand. Let's learn about this graphics card with Mobile World!

Besides the discrete graphics card RTX 3050, NVIDIA also launched the RTX 3050 Ti which is a version with a slightly better performance. RTX 3050 Ti will give you a better gaming performance, operations are also handled smoothly. The RTX 3050 Ti card is often integrated with models equipped with Intel's 11th generation Tiger Lake-H chip.

Picture 1 of Information about the RTX 3050 Ti Graphics Card

With the RTX 3050 Ti you will experience high-end technologies like Ray Tracing similar to high-end gaming laptops. Although the RTX 3050 Ti is a low-end discrete card line when compared to the RTX 3070 and RTX 3080, it still has good enough performance to serve the gaming needs of users as well as a quite reasonable price. so that more people can easily experience the technologies from NVIDIA.

Features of the RTX 3050 Ti . graphics card

Specifications information

The RTX 3050 Ti is built on the Ampere architecture on the 8 nm manufacturing process for efficient smoothness in gaming and is more stable than the previous generation GTX 16 series using the Turing architecture. Using the new Ampere architecture, but the discrete graphics card is as cheap as the RTX 3050 Ti, you can still experience the Ray Tracing imaging technology that was difficult before.

Picture 2 of Information about the RTX 3050 Ti Graphics Card

The RTX 3050 Ti card has a CUDA 2560 core count for fast and accurate concurrent computing. Support for 80 Tensor cores for NVIDIA DLSS to boost graphics performance and 20 RT cores to speed up ray tracing (ray tracing) to deliver beautiful, vibrant image quality.

The basic specifications of the RTX 3050 Ti:

Specifications RTX 3050 Ti

Architecture Ampere

CUDA Cores 2560

GPU GA107

Process 8 nm

Core speed 1035 - 1695 MHz

Tensor Cores 80

RT Cores 20

Memory type 4 GB GDDR6 VRAM

TDP 35 - 80 W

Ray Tracing Technology

Ray Tracing is one of the technologies that bring an extremely realistic visual experience in the game. This technology will give you a vivid feeling when playing, providing smooth and realistic images, high reproducibility, sharp and wonderful visual experience.

Picture 3 of Information about the RTX 3050 Ti Graphics Card

NVIDIA DLSS Technology

DLSS with transient response technology, improved sharp image detail and frame stability provides a seamless experience for in-game visuals by enhanced frame rate and resolution. There is also the ability to reduce the heat and power consumption of the graphics card significantly.

Picture 4 of Information about the RTX 3050 Ti Graphics Card

Resizable BAR . Technology

The RTX 3050 Ti still supports Resizable BAR allowing the entire memory capacity on the card to be used simultaneously from the GPU and CPU to improve performance when compared to before. In addition, the RTX 3050 Ti still supports many other technologies to make your use experience more enhanced.

Performance experience when playing games

Equipped with RTX 3050 Ti, your laptop will be significantly increased in graphics performance, ensuring smooth experience when experiencing heavy games such as Cyberpunk 2077, FIFA 21, . at high graphics levels. Graphics tasks such as Adobe Photoshop, AutoCAD,. RTX 3050 Ti will also be easily handled.

Picture 5 of Information about the RTX 3050 Ti Graphics Card

Performance on some games:

Games	FPS
Cyberpunk 2077 (1080p Hight Settings)	~ 36 FPS
FIFA 21 (1080p Hight Settings)	~ 183 FPS
GTA 5 (1080p Hight Settings)	~ 120 FPS
Horizon Zero Dawn (1080p Hight Settings)	~58 FPS

Note: The above FPS parameters are for reference only, it depends on many different factors such as RAM configuration, chip, .

Conclude

With models that support the RTX 3050 Ti card, it will give you a powerful performance, the ability to play games or manipulate applications will be smooth. With Ampere architecture will ensure the harmony between performance and power consumption for you to use longer.

Picture 6 of Information about the RTX 3050 Ti Graphics Card

RTX 3050 Ti will meet the diverse needs of modern laptops , aiming for versatility. This is probably a formidable device for products in the high-end segment, suitable for gaming or graphics-technical laptop products at a reasonable price.

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