

The GeForce RTX™ 3050 is powered by the NVIDIA Ampere architecture. It's built with enhanced RT Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory.

# 3050

- 8GB, GDDR6 on board memory
- StormX design
- 0dB Technology
- RGB Lighting
- DrMOS
- Copper Base
- Mini-ITX support



DisplayPort 1.4a x3/HDMI 2.1

### Key Features

- 2nd Gen Ray Tracing Cores
- 3rd Gen Tensor Cores
- PCI Express® Gen 4
- Microsoft DirectX® 12 Ultimate
- GDDR6 Graphics Memory
- NVIDIA DLSS
- NVIDIA® GeForce Experience™
- NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- Game Ready Drivers
- Vulkan RT API, OpenGL 4.6
- DisplayPort 1.4a
- Supports 4K 120Hz HDR, 8K 60Hz HDR and Variable Refresh Rate as specified in HDMI 2.1
- HDCP 2.3
- VR Ready



### Minimum System Requirements

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- 550 W or greater system power supply
- Internet connection and 2 GB available disk space for driver installation required
- 32 GB system memory
- Microsoft Windows® 11, Windows® 10 64-bit, Linux 64-bit
- One 8-pin supplementary power connector

### Specifications

Part Number	NE63050019P1-190AF
GPU	RTX 3050
Core Name	GA106
CUDA Cores	2560
Mem. Amount	8 GB
Mem. Interface	128 bit
DRAM	GDDR6
Core Clock	1552 MHz
Boost Clock	1777 MHz
Memory Speed	14 Gbps
Mem. Bandwidth	224 (GB/Sec)
Board Power	130 W
Board size	170 x 125 x 40 mm
Bracket	2 slot
Cooler	2 slot
Box size	315 x 181 x 57 mm
Pack	20 pcs per carton
EAN code	4710562243253

### Included in the Box

- GeForce RTX 3050 Graphics card
- User Manual