


# GIGABYTE GeForce RTX 3060 WINDFORCE OC 12G (rev. 2.0) NVIDIA 12 GB GDDR6

Model: GV-N3060WF2OC-12GD G20

Manufacturer: GIGABYTE

EAN: 4719331312862

Product Code: 1307632

## R11,374

## NVIDIA AMPERE ARCHITECTURE

The all-new NVIDIA Ampere architecture delivers the ultimate play, featuring advanced 2nd generation Ray Tracing Cores and 3rd generation Tensor Cores with greater throughput.

**RTX. IT’S ON.**

Experience today’s biggest blockbusters like never before with the visual fidelity of real-time ray tracing and the ultimate performance of AI-powered DLSS.

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## DLSS AI ACCELERATION

NVIDIA DLSS is groundbreaking AI rendering that boosts frame rates with uncompromised image quality using the dedicated AI processing Tensor Cores on GeForce RTX. This gives you the performance headroom to crank up settings and resolutions for an incredible visual experience. The AI revolution has come to gaming.

## VICTORY MEASURED IN MILLISECONDS

NVIDIA Reflex delivers the ultimate competitive advantage. The lowest latency. The best responsiveness. Powered by GeForce RTX 30 Series GPUs and NVIDIA® G-SYNC® monitors. Acquire targets faster, react quicker, and increase aim precision through a revolutionary suite of technologies to measure and optimize system latency for competitive games.

## UP YOUR CREATIVE GAME

Take your creative projects to a new level with GeForce RTX 30 Series GPUs. Delivering AI-acceleration in top creative apps. Backed by the NVIDIA Studio platform of dedicated drivers and exclusive tools. And built to perform in record time. Whether you’re rendering complex 3D scenes, editing 8K video, or livestreaming with the best encoding and image quality, GeForce RTX GPUs give you the performance to create your best.

## STREAM LIKE A BOSS

Steal the show with incredible graphics and smooth, stutter-free live streaming. Next-generation hardware encoding and decoding combine to show off all your best moments in exquisite detail. And the all-new NVIDIA Broadcast app gives you powerful AI capabilities to improve audio and video quality with effects like virtual background, webcam auto frame, and microphone noise removal. So you can give your audience your best—every time.

## DIRECTX 12 ULTIMATE

Developers can now add even more amazing graphics effects to Microsoft Windows-based PC games. GeForce RTX graphics cards deliver advanced DX12 features like ray tracing and variable

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rate shading, bringing games to life with ultra-realistic visual effects and faster frame rates.

## WINDFORCE 2X COOLING SYSTEM

The WINDFORCE 2X cooling system features two 90mm unique blade fans, alternate spinning, 3 composite copper heat pipes direct touch GPU, 3D active fan and Screen cooling, which together provide high efficiency heat dissipation.

## ALTERNATE SPINNING

The GIGABYTE “Alternate Spinning” is the only solution that can solve the turbulent airflow of adjacent fans. Since the adjacent fans rotate in the same direction, the airflow direction is opposite between the fans, which will cause turbulent airflow and reduce heat dissipation efficiency. GIGABYTE turns the adjacent fans in the opposite direction, so that the airflow direction between the two fans is the same, reducing the turbulence and enhancing the airflow pressure.

## UNIQUE BLADE FAN

The airflow is spilt by the triangular fan edge, and guided smoothly through the 3D stripe curve on the fan surface, effectively enhancing the airflow.

## 3D ACTIVE FAN

The 3D Active Fan provides semi-passive cooling, and the fans will remain off when the GPU is in a low load or low power game. It allows gamers to enjoy gameplay in complete silence when the system is running light or idle.

## HEAT PIPES DIRECT TOUCH

The shape of the pure copper heat pipe maximizes the direct contact area with the GPU, enhancing heat transfer. The heat pipe also covers the VRAM through a large metal plate contact to ensure proper cooling.

## GRAPHENE NANO LUBRICANT

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Graphene nano lubricant can extend the life of fan by 2.1 times, close to the life of double ball bearing, and is quieter.

## SCREEN COOLING

Extended heatsink design allows air flow to pass through, providing better heat dissipation.

**BUILT STRONG**

**TINY SIZE WITH MIGHTY PERFORMANCE.**

For gamers who prefer a small build with powerful performance, GIGABYTE delivers a compact graphics card with less than 200mm in length. The card provides mighty performance and is easy to install in any small chassis as well.

## PROTECTION BACK PLATE

The back plate not only provides an aesthetical shape, but also enhances the structure of the graphics card to provide complete protection.

## ULTRA DURABLE

Ultra Durable certified highest-grade metal chokes, lower ESR solid capacitors, 2oz copper PCB, and lower RDS(on) MOSFETs, plus over-temperature design to deliver superior performance and longer system life.

## FRIENDLY PCB DESIGN

Fully automated production process ensures top quality of the circuit boards and eliminates sharp protrusions of the solder connectors seen on the conventional PCB surface. This friendly design prevents your hands from getting cut or inadvertently damaging components when making your build.

## GIGABYTE CONTROL CENTER

GIGABYTE CONTROL CENTER (GCC) is a unified software for all GIGABYTE supported products. It provides an intuitive interface that allows users to adjust clock speed, voltage, fan mode and power

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target in real-time.

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