



## Graphics Card

### GIGABYTE

### NVIDIA GeForce

### RTX 3050 1470

### MHz 6 GB

### GDDR6 96 bit

### PCI Express 4.0

### Active GV-

### N3050D6-6GL

Model: GV-N3050D6-6GL

Manufacturer: GIGABYTE

EAN: 4719331354572

Product Code: 18883

## R4,805

### 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.

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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.

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

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## **GIGABYTE CUSTOM-DESIGNED COOLING SYSTEM**

GIGABYTE's custom-designed cooling system delivers effective heat dissipation capacity, featuring copper heat pipe that makes direct contact with the GPU. This facilitates enhanced heat transfer to the heatsink, allowing for higher performance at lower temperatures.

## **EXCELLENT IN ESSENTIAL**

### **LOW PROFILE DESIGN**

At just 181mm in length, the card is perfect for compact builds. An additional low-profile bracket is included for seamless adaptability to different build needs.

## **AMPLE CONNECTIVITY**

Enjoy versatile display options with two DisplayPort and two HDMI ports, supporting up to 4 displays simultaneously.

## **BUILD STRONG**

### **ULTRA DURABLE**

### **ULTRA COOLING**

Lower RDS(on) MOSFETs are specially designed to produce lower switching resistance for faster electric current charging and discharging at extremely low temperature.

## **LOW POWER LOSS**

Metal Choke hold energy much longer than common iron-core chokes at high frequency, thus effectively reduce core energy loss and EMI interference.

## **LONGER LIFE**

Lower ESR Solid Capacitors ensure better electronic conductivity for excellent system performance and longer lifespan.

## **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.

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## 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 target in real-time.

- NVIDIA Ampere Streaming Multiprocessors
- 2nd Generation RT Cores
- 3rd Generation Tensor Cores
- Powered by GeForce RTX™ 3050
- Integrated with 6GB GDDR6 96-bit memory interface
- Low Profile Design with 181mm card length
- Supports up to 4 displays

Summary: GIGABYTE GeForce RTX 3050 D6 Low Profile. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 3050, Processor frequency: 1470 MHz. Discrete graphics card memory: 6 GB, Graphics card memory type: GDDR6, Memory bus: 96 bit, Memory clock speed: 14000 MHz. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 4.0. Cooling type: Active, Number of fans: 2 fan(s) | Vendor Homepage: <https://www.gigabyte.com/Graphics-Card/GV-N3050D6-6GL> | CUDA: Yes | CUDA cores: 2304 | Graphics processor: GeForce RTX 3050 | Graphics processor family: NVIDIA | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor frequency: 1470 | Discrete graphics card memory: 6 | Graphics card memory type: GDDR6 | Memory bus: 96 | Memory clock speed: 14000 | DisplayPort version: 1.4a | DisplayPorts quantity: 2 | HDMI ports quantity: 2 | HDMI version: 2.1 | Interface type: PCI Express 4.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | NVIDIA G-SYNC: Yes | OpenGL version: 4.6 | TV tuner integrated: No | Bracket height: Low-Profile (LP) | Cooling type: Active | Number of fans: 2 | Product colour: Black | Minimum system power supply: 300 | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Depth: 36 | Height: 69 | Length: 181 | Package type: Box | Manual: Yes | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.00402 | Product Net Weight: 0.45 | Unit Calculated Weight: 0.597

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