 GRAPHICS REINVENTED

The GeForce RTX™ 3060 lets you take on the latest games using the power of Ampere—NVIDIA’s 2nd generation RTX architecture. Get incredible performance with enhanced Ray Tracing Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory.

The all-new NVIDIA Ampere architecture features new 2nd generation Ray Tracing Cores and 3rd generation Tensor Cores with greater throughput. The NVIDIA Ampere streaming multiprocessors are the building blocks for the world’s fastest, most efficient GPU for gamers and creators. GeForce RTX™ 30 Series GPUs are powered by NVIDIA’s 2nd gen RTX architecture, delivering the ultimate performance, ray-traced graphics, and AI acceleration for gamers and creators.

EPIC-X RGB™ offers brilliant RGB design combined with ultimate performance, taking your PC to the next level. Not only can you destroy the competition, but your system can look good while doing so.

PRODUCT SPECIFICATIONS

NVIDIA CUDA Cores 3584
Clock Speed 1320 MHz
Boost Speed 1777 MHz
Memory Speed (Gbps) 15
Memory Size 12GB GDDR6
Memory Interface 192-bit
Memory Bandwidth (Gbps) 360
TDP 170 W
NVLink Not Supported
Outputs DisplayPort 1.4a (x3), HDMI 2.1
Multi-Screen 4
Resolution 7680 x 4320 @60Hz (Digital)
Power Input One 8-Pin
Bus Type PCI-Express 4.0 x16

PRODUCT INFORMATION

PNY Part Number VCG306012DFXPPB / VCG306012DFXPPB1
UPC Code 751492643113
Card Dimensions 9.72” x 4.72” x 1.57”; Dual Slot
Box Dimensions 7.13” x 12.4” x 2.24”

1 Graphics Card driver is not included in the box; GeForce Experience will download the latest GeForce driver from the Internet after install.

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
• HDCP 2.3
• VR Ready
• Supports 4K 120Hz HDR, 8K 60Hz HDR and Variable Refresh
• Rate as specified in HDMI 2.1

SYSTEM REQUIREMENTS

• PCI Express-compliant motherboard with one dual-width x16 graphics slot
• One 8-pin supplementary power connectors
• 550 W or greater system power supply
• Microsoft Windows® 11 64-bit, Windows 10 (November 2018 or later) 64-bit, Linux 64-bit
• Internet connection¹