SC-G3080-Eo

Gigabyte GeForce RTX 3080 Eagle OC 10G 10Gb DDR6X 320bit Graphics Card

Product Overview

Gigabyte GV-N3080EAGLE OC-10GD - RTX3080 Eagle Oc - with Fusion2.0 RGB Lighting, Windforce 3X, 2 slots required, 3x fans (2x90mm + 1x80mm unique blade stack fans) with alternate spinning for max-covered cooling, back-sided heatsink + 7x 10mm copper heatpipes with DTH (Direct Touch Heatpipes), 8nm, 2-way NVLiNK SLi, Pci-E 4.0 16x, 10Gb 320bit DDR6X (760Gb/sec memory transfer), RoPs: 96, 8704 cuda cores, Tensor / RT cores: 272/68 with 8.5mb L1 + 5mb L2 cache, 164 GPexels/Sec, 465 GTexels/Sec, 29770 GFLoPS, 272x TMUs, core clock: 1440/1710mhz; memory: 19000mhz, 3x DP+ 3x HDMi - require 2x8pin power connector



Specifications

Features:

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.

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.

WINDFORCE 3X COOLING SYSTEM
WINDFORCE 3X cooling system features 2x 90mm and 1X80mm unique blade fans, alternate spinning, 7 composite copper heat pipes, large copper plate direct touch GPU, 3D active fan and Screen cooling, which together provide high efficiency heat dissipation.

ALTERNATE SPINNING
Alternate Spinning can reduce the turbulence of adjacent fans and increase air pressure.

SMOOTH AIRFLOW
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.

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.

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

GRAPHENE NANO LUBRICANT
Graphene nano lubricant can extend the life of sleeve bearing 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.

LARGE COPPER PLATE & HEAT-PIPE
With direct contact to the GPU and VRAM, the large copper plate combines the composite heat pipes to efficiently transfer heat generated from the interior cores to the heat sink.

RGB FUSION 2.0
With 16.7M customizable color options and numerous lighting effects, you can choose lighting effects or synchronize with other AORUS devices.

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

EXTREME DURABILITY AND OVERCLOCKING

The graphics card uses the better power phase design to allow the MOSFET to operate at lower temperature, and over-temperature protection design and load balancing for each MOSFET, plus the Ultra Durable certified chokes and capacitors, to provide excellent 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.

AORUS ENGINE
The cutting edge intuitive interface allows you to adjust the clock speed, voltage, fan performance and power target in real-time according to your game's requirements.

Specifications:

Graphics Processing	GeForce RTX 3080
Core Clock	1755 MHz (Reference Card: 1710 MHz)
RTX-OPS	TBD
CUDA Cores	8704
Memory Clock	19000 MHz
Memory Size	10 GB
Memory Type	GDDR6X
Memory Bus	320 bit
Memory Bandwidth (GB/sec)	760 GB/s
Card Bus	PCI-E 4.0 x 16
Digital max resolution	7680x4320@60Hz
Multi-view	4
Card size	L=320 W=128 H=56 mm
PCB Form	ATX
DirectX	12 Ultimate
OpenGL	4.6
Recommended PSU	750W
Power Connectors	8 pin*2
Output	DisplayPort 1.4a *3
	HDMI 2.1 *2
SLI Support	N/A
Accessories	Quick guide

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SC-G3080-Eo-Gigabyte-GeForce-RTX-3080-Eagle-OC-10G-10Gb-DDR6X-320bit-Graphics-Card-p-247165.php

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