ComX Computers
Product Specification Sheet

SC-G3080-T

Gigabyte RTX3080 Turbo 10Gb DDR6X 320bit Graphics Card

Product Overview

Gigabyte GV-N3080TURBO-10GD - RTX3080 Turbo - 2 slots required, 1x 80mm blower fans with all copper Vapor chamber heatsink, back-sided heatsink, 8nm, Pci-E 4.0 16x, 10Gb 320bit DDR6X (760Gb/sec memory transfer), RoPs: 96, 8704 cuda cores



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.

TURBO FAN COOLING SYSTEM
GIGABYTE TURBO is ideal for multi-graphic cards with a space-restricted chassis. The metal cover with the indented design and 80mm blower fan allows for larger airflow intake. With a vapor chamber direct touch GPU, copper heat sink, heat pipe and blower fan, it provides better heat dissipation.

THE OPTIMIZED AIRFLOW
The inward-indented design on the cover makes room for the intake fan to breathe even when closely stacked to the adjacent card, allowing greater airflow and efficient heat dissipation within the limited space.

All COPPER COOLING & METAL FRAME
The vapor chamber, heat pipe, and heat sink, all made of copper, have superior thermal efficiency for rapidly dissipating heat from the GPU. The extended heat pipe can also help to take heat away from the cores. The black metal frame further dissipates heat from other critical components, enhancing overall cooling efficiency.

DOUBLE BALL BEARING
The double ball bearing structure has better heat endurance and efficiency than sleeve structure.

EXTREME DURABILITY
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.

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.

AEROSPACE-GRADE PCB COATING
Dust resistant - shields from dust, insects, dropped screws, drill shavings, and abrasion.
Moisture resistant - prevents unwanted conduction paths and board damage.
Corrosion resistant - protects from salt spray, humidity, and corrosion.

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.

IN TOTAL COMMAND
The interface and functionality of the software is subject to each model.

Specifications:

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Specifications

Product Code	SC-G3080-T
Brand	Gigabyte
Chipset	GeForce RTX 3080
Memory Size	10GB
Interface	PCI-E 4.0
Type of Cooling	Air (Blower)
Series	Gigabyte Turbo
Memory Type	GDDR6X
HDMI 2.1	2
HDMI 2.0	0
HDMI 1.4	0
DisplayPort	2
Mini DisplayPort	0
DVI	0
VGA	0
USB Type-C	0
Low Profile Compatible	No
SLI Support	No
Accelerated Ray Tracing Support	Yes
Length	260 - 269mm
Recommended PSU	750W
PCIe Power Connectors	2x 8-pin

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-T-Gigabyte-RTX3080-Turbo-10Gb-DDR6X-320bit-Graphics-Card-p-257575.php

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