



## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5080 16G GAMING TRIO OC
Model Name	G5080-16GTC
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5080
Interface	PCI Express® Gen 5
Cores	10752 Units
Core Clocks	Extreme Performance: 2715 MHz (MSI Center) Boost: 2700 MHz (GAMING & SILENT Mode)
Memory Speed	30 Gbps
Memory	16GB GDDR7
Memory Bus	256-bit
Recommended PSU	850 W
Card Dimension (mm)	338 x 140 x 50 mm
Weight (Card / Package)	1362 g / 1885 g
Maximum Displays	4
G-SYNC® technology	Y
Power consumption (W)	360 W
Digital Maximum Resolution	7680 x 4320
Output	DisplayPort x 3 (v2.1b) HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
HDCP Support	Y
Power Connectors	16-pin x 1
OpenGL Version Support	4.6

## CONNECTIONS



1. DisplayPort
2. HDMI™

## FEATURES



### TRI FROZR 4

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.



### STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.



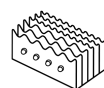
### Nickel-plated Copper Baseplate

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.



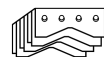
### Core Pipes

Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.



### Wave Curved 4.0

Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.



### Air Antegrade Fin 2.0

The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.



### Metal Backplate

A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.



### Dual BIOS

Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.



### MSI Center

The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.



### Afterburner

Take full control with the most recognized and widely used graphics card overclocking software in the world.