# **GeForce RTX™ 5080 16G SHADOW 3X OC**









# **SPECIFICATIONS**

Marketing Name	GeForce RTX™ 5080 16G SHADOW 3X OC
Model Name	G5080-16S3C
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 5080
Interface	PCI Express® Gen 5
Core Clocks	Extreme Performance: 2655 MHz (MSI Center) Boost: 2640 MHz
CUDA® CORES	10752 Units
Memory Speed	30 Gbps
Memory	16GB GDDR7
Memory Bus	256-bit
Output	DisplayPort x 3 (v2.1b) HDMI <sup>™</sup> x 1 (As specified in HDMI <sup>™</sup> 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
HDCP Support	Y
Power consumption	360 W
Power connectors	16-pin x 1
Recommended PSU	850 W
Card Dimension (mm)	303 x 121 x 49 mm
Weight (Card / Package)	1046 g / 1546 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Υ
Digital Maximum Resolution	7680 x 4320
- 19.14 14	- 1000 X 1020

### **CONNECTIONS**



- 1. DisplayPort
- 2. HDMI™

### **FEATURES**



### Triple Fan

Three fans and a huge heatsink ensure a cool and quiet experience for you.



### TORX FAN 5.0

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.



## 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.



### Reinforcing Backplate

The reinforcing backplate features a flow-through design that provides additional ventilation.



#### Zero Frozr

The fans completely stop when temperatures are relatively low, eliminating all noise.



#### Fuse

Additional fuses built into the custom PCB provide additional safeguards against electrical damage.



# DrMOS

DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.



#### **MSI Center**

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



#### fterburner

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