



## SPECIFICATIONS

<b>Marketing Name</b>	GeForce RTX™ 5080 16G VENTUS 3X OC PLUS
<b>Model Name</b>	G5080-16V3CP
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 5080
<b>Interface</b>	PCI Express® Gen 5
<b>Core Clocks</b>	Extreme Performance: 2655 MHz (MSI Center) Boost: 2640 MHz
<b>CUDA® CORES</b>	10752 Units
<b>Memory Speed</b>	30 Gbps
<b>Memory</b>	16GB GDDR7
<b>Memory Bus</b>	256-bit
<b>Output</b>	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)
<b>HDCP Support</b>	Y
<b>Power consumption</b>	360 W
<b>Power connectors</b>	16-pin x 1
<b>Recommended PSU</b>	850 W
<b>Card Dimension (mm)</b>	303 x 121 x 49 mm
<b>Weight (Card / Package)</b>	1105 g / 1618 g
<b>DirectX Version Support</b>	12 Ultimate
<b>OpenGL Version Support</b>	4.6
<b>Maximum Displays</b>	4
<b>G-SYNC® technology</b>	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

## 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.
- Metal Backplate**  
 A sturdy metal backplate strengthens the graphics card while the airflow vent design reduces excess heat.
- Zero Frozr**  
 The fans completely stop when temperatures are relatively low, eliminating all noise.
- DrMOS**  
 DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.
- Fuse**  
 Additional fuses built into the custom PCB provide additional safeguards against electrical damage.
- 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.