



SPECIFICATIONS

Marketing Name	GeForce RTX™ 5080 16G VENTUS 3X PLUS
Model Name	G5080-16V3P
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5080
Cores	10752 Units
Memory	16GB GDDR7
Power connectors	16-pin x 1 (ATX 3.1 PSU recommended)
Bus Standard	PCI Express® Gen 5
Memory Interface	256-bit
Core Clocks	Extreme Performance: 2625 MHz (MSI Center) Boost: 2617 MHz
Memory Speed	30 Gbps
Maximum Displays	4
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 consumption (W)	360 W
Recommended Power Supply (W)	850 W
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Card Dimension(mm)	303 x 121 x 49 mm
Weight	1105 g / 1618 g

CONNECTIONS



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