



SPECIFICATIONS

| | |
|----------------------------|---|
| Marketing Name | GeForce RTX™ 5080 16G VENTUS 3X |
| Model Name | G5080-16V3 |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5080 |
| Interface | PCI Express® Gen 5 |
| Core Clocks | Extreme Performance: 2625 MHz (MSI Center) Boost: 2617 MHz |
| CUDA® CORES | 10752 Units |
| Memory Speed | 30 Gbps |
| Memory | 16GB GDDR7 |
| Memory Bus | 256-bit |
| 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 | 360 W |
| Power connectors | 16-pin x 1 (ATX 3.1 PSU recommended) |
| Recommended PSU | 850 W |
| Card Dimension (mm) | 303 x 121 x 49 mm |
| Weight (Card / Package) | 1084 g / 1576 g |
| DirectX Version Support | 12 Ultimate |
| OpenGL Version Support | 4.6 |
| Maximum Displays | 4 |
| G-SYNC® technology | Y |
| Digital Maximum Resolution | 7680 x 4320 |

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES

Triple Fan



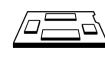
Three fans and a huge heatsink ensure a cool and quiet experience for you.

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.

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.