



SPECIFICATIONS

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|-----------------------------------|---|
| Marketing Name | GeForce RTX™ 5080 16G VENTUS 3X |
| Model Name | G5080-16V3 |
| Cores | 10752 Units |
| Memory | 16GB GDDR7 |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5080 |
| G-SYNC™ technology | Y |
| Interface | PCI Express® Gen 5 |
| Digital Maximum Resolution | 7680 x 4320 |
| Memory Interface | 256-bit |
| Memory Clock Speed (MHz) | 30 Gbps |
| 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) |
| Maximum Displays | 4 |
| HDCP Support | Y |
| DirectX Version Support | 12 Ultimate |
| Card Dimension(mm) | 303 x 121 x 49 mm |
| Card Weight (g) | 1084 g / 1576 g |
| Power consumption (W) | 360 W |
| Recommended PSU (W) | 850 W |
| Power Connectors | 16-pin x 1 |

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.



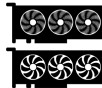
Core Pipes

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.



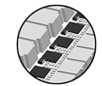
Zero Frozr

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.



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.