



## SPECIFICATIONS

|                              |   |
|------------------------------|---|
| Marketing Name               | GeForce RTX™ 5080 16G VENTUS 3X OC WHITE  |
| Model Name                   | G5080-16V3CW  |
| Cores                        | 10752 Units   |
| Memory                       | 16GB GDDR7  |
| Graphics Engine              | NVIDIA® GeForce RTX™ 5080   |
| Interface                    | PCI Express® Gen 5  |
| Weight (Card / Package)      | 1084 g / 1576 g   |
| Memory Interface             | 256-bit   |
| Core Clock Speed(MHz)        | Extreme Performance: 2655 MHz (MSI Center)<br>Boost: 2640 MHz   |
| Memory Clock Speed(MHz)      | 30 Gbps   |
| Maximum Displays             | 4   |
| G-SYNC™ technology           | Y   |
| Output                       | DisplayPort x 3 (v2.1b)<br>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   |
| Digital Maximum Resolution   | 7680 x 4320   |
| Power Connectors             | 16-pin x1   |
| DirectX Version Support      | 12 Ultimate   |
| OpenGL Version Support       | 4.6   |
| Card Dimension(mm)           | 303 x 121 x 49 mm   |

## 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



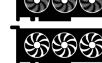
Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

### Metal Backplate



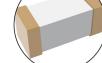
A sturdy metal backplate strengthens the graphics card while the airflow vent design reduces excess heat.

### 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.