



SPECIFICATIONS

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| Marketing Name | GeForce RTX™ 5080 16G SUPRIM OC |
| Model Name | G5080-16SPC |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5080 |
| Interface | PCI Express® Gen 5 x16 |
| Boost / Base Core Clock | Extreme Performance: 2715 MHz (MSI Center) Boost: 2700 MHz |
| Memory Clock 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 connectors | 16-pin x 1 (ATX 3.1 PSU recommended) |
| Power consumption | 360 W |
| Recommended PSU | 850 W |
| Card Dimension(mm) | 359 x 150 x 76 mm |
| Weight (Card / Package) | 2614 g / 3551 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

MSI Center



The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.

HYPER FROZR THERMAL DESIGN



An apex evolution of advanced thermal design that delivers unparalleled cooling and quiet operation.

STORMFORCE FAN



Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.

Advanced Vapor Chamber



Built-in Vapor Chamber swiftly transfers heat from the GPU and VRAM to the core pipe for optimal dissipation.

Optimized Heat Distribution - Core Pipe



Square-shaped Core Pipes maximize heat dissipation with the Vapor Chamber for superior cooling.

Wave Curved 4.0



Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.

Air Antegrade Fin 2.0



The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.

Metal Backplate



A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.