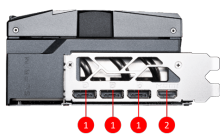




SPECIFICATIONS

| | |
|-----------------------------------|---|
| Marketing Name | GeForce RTX™ 5080 16G SUPRIM SOC |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5080 |
| Interface | PCI Express® Gen 5 x16 |
| Core Clocks | Extreme Performance: TBD MHz (MSI Center) Boost: TBD MHz |
| CUDA® CORES | 10752 Units |
| Memory Speed | 30 Gbps |
| Memory | 16GB GDDR7 |
| Memory Bus | 256-bit |
| Output | DisplayPort x 3 (v2.1a) HDMI™ x 1 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI™ 2.1b) |
| HDCP Support | Y |
| Power consumption | Silent mode: TBD W Gaming mode: TBD W |
| Power connectors | 16-pin x 1 |
| Recommended PSU | TBD 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



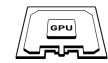
HYPER FROZR THERMAL DESIGN

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.



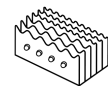
Advanced Vapor Chamber

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



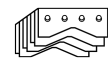
Optimized Heat Distribution - Core Pipe

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.



MSI Center

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