



PHANTOM

GEFORCE RTX™ 5090

KEY FEATURES

- Dedicated Ray Tracing Cores
- Dedicated Tensor Cores
- NVIDIA DLSS
- Game Ready and NVIDIA Studio Driver
- NVIDIA® APP
- NVIDIA Broadcast
- NVIDIA G-SYNC®
- PCI Express® Gen 5
- Microsoft DirectX® 12 Ultimate
- Vulkan 1.4, OpenGL 4.6
- HDCP 2.3
- DisplayPort 2.1b with UHBR20: up to 4K 480Hz or 8K 165Hz with DSC
- As specified in HDMI 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR



**GEFORCE
RTX**

Powering Advanced AI

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP
COMPLIANT

GEFORCE RTX 5090 PHANTOM _ P/N: NE75090019R5-GB2020P _ BAR CODE: 471056224-4878

CUDA Cores	21760	DRAM Amount	32 GB
Base Clock	2017 MHz	DRAM Type	512 bits GDDR7
Boost Clock	2407 MHz	DRAM Clock	14000 MHz
TGP	575 W	DRAM Bandwidth	1792 GB/s

OUTPUT

- HDMI 2.1b * 1: 7680 x 4320 @ 120Hz
- DP 2.1b * 3: 7680 x 4320 @ 165Hz

DIMENSIONS

- Board: 331.9 x 145.6 x 69.9 mm
- Cooler : 3.5 slots
- Bracket: 3 slots

ACCESSORIES

- Power Cable
- VGA Holder
- Holder Extender

MINIMUM SYSTEM REQUIREMENTS

- PCI Express-compliant motherboard with one tri-width x16 graphics slot
- Microsoft Windows® 11, Windows® 10 64-bit, Linux 64-bit
- Recommend 1000 W or greater system power supply in ATX 3.X specification
- One 16-pin PCIe 12VHPWR or four 8-pin supplementary power connectors