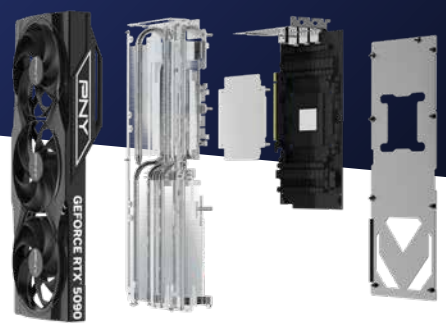
PNY GEFORCE RTX™ 5090 32GB

Overclocked Triple Fan DLSS 4

VCG509032TFXPB1-O

GAME CHANGER

The NVIDIA GeForce RTX™ 5090 is the most powerful GeForce GPU ever made, bringing game-changing capabilities to gamers and creators. Tackle the most advanced models and most challenging creative workloads with unprecedented AI horsepower. Game with full ray tracing and the lowest latency. The GeForce RTX 5090 is powered by the NVIDIA® Blackwell architecture and equipped with 32GB of super-fast GDDR7 memory, so you can do it all.



NVIDIA Blackwell Arechitecure

The Ultimate Platform for Gamers and Creators

Fifth-Gen Tensor Cores

Max AI performance with FP4 and DLSS 4

Fourth-Gen Ray Tracing Cores

Built for Mega Geometry

TRIPLE FAN COOLING

With three fans working together, heat is distributed and dissipated more efficiently across the GPU surface

METAL BACKPLATE

Adds additional support to prevent the card from sagging and vents that enhance passive cooling

KEY FEATURES

- NVIDIA DLSS 4
- NVIDIA Reflex 2
- GDDR7 Graphics Memory
- NVIDIA® App
- PCI Express® Gen 5
- NVIDIA Broadcast

SYSTEM REQUIREMENTS

- PCI Express gen 5 -compliant motherboard with one 3.5-width x16 graphics slot
- Four 8-pin supplementary power connectors
- 1000 W or greater system power supply[2]
- Microsoft Windows® 11 64-bit, Linux 64-bit
- Internet connection[1]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	21760
Clock Speed	2017 MHz
Boost Speed	2527 MHz
Memory Speed (Gbps)	28
Memory Size	32GB GDDR7
Memory Interface	512-bit
Memory Bandwidth (GB/s)	1792
TDP	600 W
Outputs	DisplayPort 2.1b with UHBR20 (x3), HDMI 2.1b
Multi-Screen	4
Resolution	4K at 480Hz or 8K at 120Hz with DSC
Power Input	1x16 (1x16 to 4x8 adapter included)
Bus Type	PCI-Express 5.0 x16

PRODUCT INFORMATION

PNY Part Number	VCG509032TFXPB1-O
UPC Code	751492794228
Card Dimensions	13.00” x 5.50” x 2.76”; 3.5 Slot 328.7 x 137.7 x 70.0mm; 3.5 Slot
Box Dimensions	15.94” x 7.83” x 4.06” 405 x 199 x 103mm

1 Graphics Card driver is not included in the box; GeForce Experience will download the latest GeForce driver from the Internet after install.

2 Minimum is based on a PC configured with a Ryzen 9 5900X processor. Power requirements can be different depending on system configuration.

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