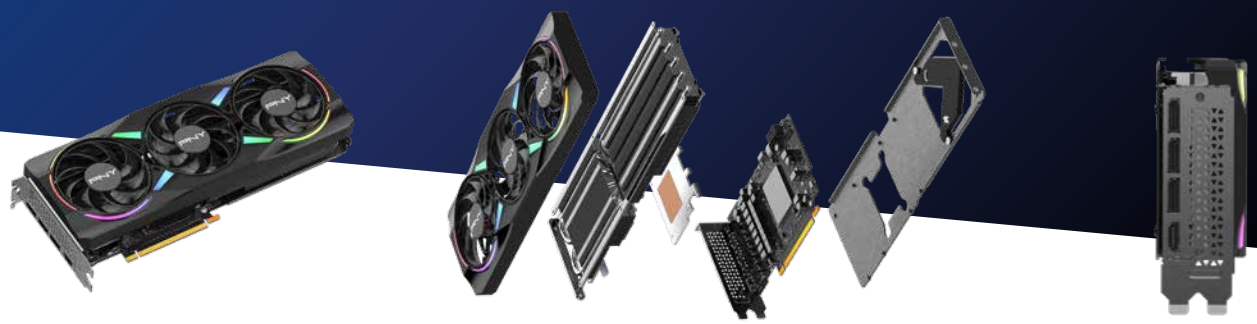
PNY GEFORCE RTX™ 5070 12GB

ARGB Overclocked Triple Fan DLSS 4

VCG507012TFXXPB1-O

GAME CHANGER

Get game-changing performance with the GeForce RTX™ 5070, powered by NVIDIA Blackwell. Game at high frame rates with DLSS 4, supercharge your creativity with NVIDIA Studio, and enable new experiences with the power of AI.



NVIDIA Blackwell Architecture

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

VELOCITYX™ SOFTWARE

Gain full control over your PNY graphics card to maximize its performance and RGB lighting

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 2.4-width x16 graphics slot
- Two 8-pin supplementary power connectors
- 650 W or greater system power supply[2]
- Microsoft Windows 11® 64-bit, Linux 64-bit
- Internet connection[1]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	6144
Clock Speed	2325 MHz
Boost Speed	2685 MHz
Memory Speed	28
Memory Size	12GB GDDR7
Memory Interface	192-bit
Memory Bandwidth (GB/s)	672
TDP	250 W
Outputs	DisplayPort 2.1b with UHBR20 (x3), HDMI 2.1b
Multi-Screen	4
Resolution	4K at 480Hz or 8K at 165Hz with DSC
Power Input	1x16 (1x16 to 2x8 adapter included)
Bus Type	PCI-Express 5.0 x16

PRODUCT INFORMATION

PNY Part Number	VCG507012TFXXPB1-O
UPC Code	751492794440
Card Dimensions	11.80” x 4.73” x1.9”; 2.4 Slot
Box Dimensions	15.04” x 7.64” x 2.84” 382 x 194 x 72mm

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

2 Power requirements can be different depending on system configuration.

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