

# PNY

## PNY GeForce RTX™ 5070 12GB

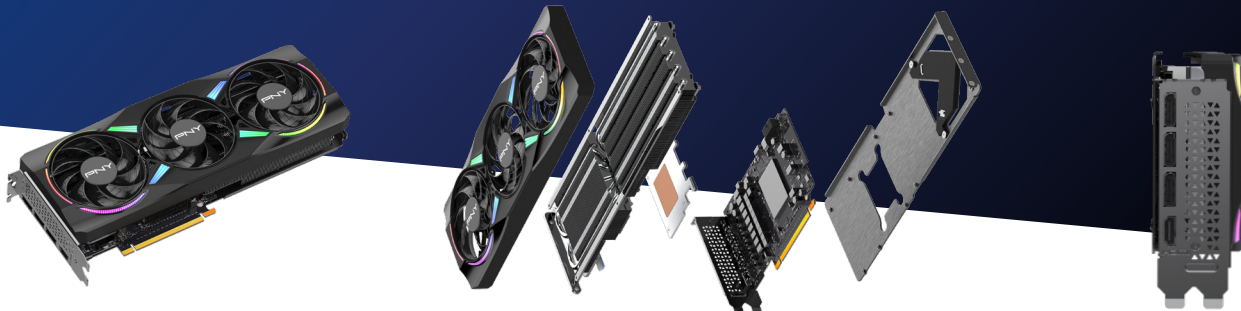
ARGB Overclocked Triple Fan DLSS 4

VCG507012TFXXPB1-0



### 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<sup>2</sup>
- Windows 11 64-bit, Windows 10 64-bit, Linux 64-bit
- Internet connection<sup>1</sup>

## 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.

PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | [WWW.PNY.COM](http://www.pny.com)

Features and specifications subject to change without notice. The PNY logo is a registered trademark of PNY Technologies, Inc. All other trademarks are the property of their respective owners. © 2025 PNY Technologies, Inc. All rights reserved.

©2025 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, GeForce Experience, GeForce RTX, and G-SYNC are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners.

