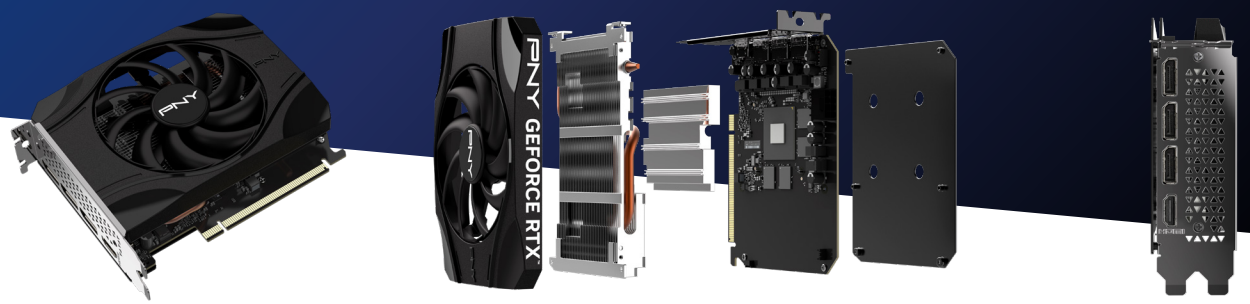
PNY GEFORCE RTX™ 5050 8GB

Single Fan DLSS 4

VCG50508SFXPB1

GAME CHANGER

Get game-changing performance with the GeForce RTX™ 5050, 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

SINGLE FAN COOLING

One active-cooling fan dissipates heat effectively across the GPU surface.

SMALL FORM FACTOR

Compact design opens up possibliities for a wide away of PC system sizes and configurations

KEY FEATURES

- NVIDIA DLSS 4
- NVIDIA Reflex 2
- GDDR6 Graphics Memory
- NVIDIA® App
- PCI Express® Gen 5
- NVIDIA Broadcast

SYSTEM REQUIREMENTS

- PCI Express Gen 5-compliant motherboard with one 2-width x8 graphics slot
- One 8-pin supplementary power connector
- 550W or greater system power supply[2]
- Microsoft Windows® 11 64-bit, Linux 64-bit
- Internet connection[1]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	2560
Clock Speed	2317 MHz
Boost Speed	2572 MHz
Memory Speed	20
Memory Size	8GB GDDR6
Memory Interface	128-bit
Memory Bandwidth (GB/s)	320
TDP	130W
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	1x8
Bus Type	PCI-Express 5.0 x 8

PRODUCT INFORMATION

PNY Part Number	VCG50508SFXPB1
UPC Code	751492799117
Card Dimensions	146.7 x 125 x 40mm 5.8” x 4.9” x 1.6”
Box Dimensions	242 x 190 x 70mm 9.53” x 7.48” x 2.76”

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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