



GEFORCE RTX 5070

NVIDIA
BLACKWELL
ARCHITECTURE

POWERFUL
AI
ENHANCED
GRAPHICS

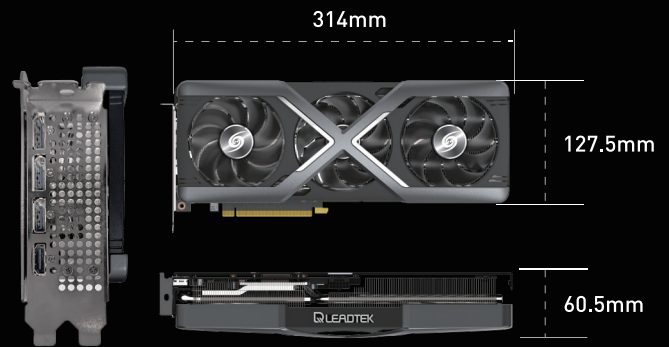
REAL-TIME
RAY
TRACING
IN GAMES

MEMORY
12GB
GDDR7

Product

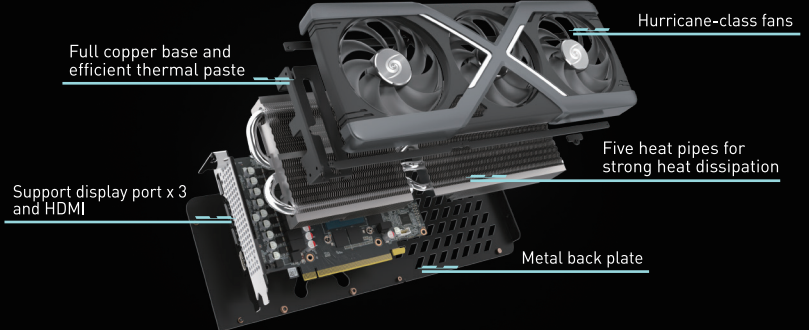


Dimensions & Bracket



Key Features

- Dedicated Ray Tracing Cores
- Dedicated Tensor Cores
- NVIDIA DLSS 4
- Game Ready and NVIDIA Studio Drivers
- NVIDIA® GeForce App™
- NVIDIA Broadcast
- NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- GDDR7 Graphics Memory
- PCI Express® Gen 5
- Microsoft DirectX® 12 Ultimate
- Vulkan RT APIs, Vulkan 1.4, OpenGL 4.6
- HDCP 2.3
- DisplayPort 2.1b
- Supports 4K at 480Hz or 8K at 120Hz with DSC



Accessories

- Power Cable
- Quick Installation Guide
- GPU Support Holder

System Requirements

MINIMUM SYSTEM REQUIREMENTS

- PCI Express-compliant motherboard with Four width x16 graphics slot
- 650 W or greater system power supply
- 1.5 GB available hard-disk space
- 8 GB system memory (16 GB recommended)
- Microsoft® Windows® 10, Windows 11, Linux 64-bit
- Three 8-pin supplementary power connectors

Specifications

GPU	NVIDIA GeForce RTX 5070
CUDA Cores	6144
Base / Boost Clock	2.33 / 2.51 Ghz
Memory Configuration	12GB GDDR7
Memory Speed	28 Gbps
Memory Interface	192-bit
Memory Bandwidth	672 GB/s
Output Ports	HDMI(2.1b)+3 x DisplayPort(2.1b)
Maximum Digital Resolution	4K at 480Hz or 8K at 120Hz with DSC
Multi Monitor	4
NVLINK	N
VR Ready	Y
DirectX® Capability	12 Ultimate
Power Connectors	16 Pin
Physical Dimensions	314x127.5x60.5 mm
Total Graphics Power (TGP)	250W

*Product specifications and pictures are subject to change without notice.

Rev: A04