

GeForce RTX 4070 Product Datasheet

Architecture: NVIDIA Ada Lovelace

CUDA Cores: 5,888

RT Cores: 46

Tensor Cores: 184

Base Clock: 1.92 GHz

Boost Clock: up to 2.48 GHz

Memory: 12GB GDDR6X

Memory Interface: 192-bit

Memory Bandwidth: 504 GB/s

PCI Express: PCIe 4.0 x16

TDP: 200W

Power Connector: 8-pin or 12VHPWR (varies by model)

Display Outputs: HDMI 2.1, DisplayPort 1.4a

Video Engine: Dual AV1 Encoders

Features: Ray Tracing, DLSS 3, NVIDIA Reflex, CUDA, DirectX 12 Ultimate

Applications: Gaming, 3D Rendering, Video Editing, AI Inference, VR Systems