NVIDIA GeForce RTX 4070 SUPER – Product Datasheet

The NVIDIA GeForce RTX 4070 SUPER is a high-performance graphics card built on the Ada Lovelace architecture. With 7,168 CUDA cores, advanced ray tracing capabilities, fourth-gen Tensor Cores, and DLSS 3.5, it delivers excellent 1440p and next■generation gaming performance. Equipped with 12GB GDDR6X memory and a 192■bit interface, it supports demanding workloads including 3D rendering, video editing, simulation, AI inference, and VR applications. This GPU provides outstanding power efficiency at 220W TDP and is ideal for gaming PCs, workstations, and GPU■accelerated environments.

Technical Specifications

Architecture	NVIDIA Ada Lovelace
CUDA Cores	7,168
Tensor Cores	4th Generation
RT Cores	3rd Generation
Base Clock	1.98 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	220W
Recommended PSU	650W
Power Connector	8-pin or 12VHPWR (AIB dependent)
Display Outputs	HDMI 2.1a + DisplayPort 1.4a
Video Encoder	Dual AV1
Applications	Gaming, 3D Rendering, AI Inference, Video Editing, VR