



TECHNICAL SPECIFICATIONS

Model Name	INNO3D GEFORCE RTX™ 4090 iCHILL X3
Part Number	C40903-246XX-1833VA47

GPU ENGINE SPECS

CUDA Cores	16384
Boost Clock	2580 MHz
Base Clock	2235 MHz

THERMAL AND POWER SPEC

Minimum System Power Requirement	850W
Supplementary Power Connectors	3x PCIe 8-pin cables (adapter in box) OR 320 W or greater PCIe Gen 5 cable

FEATURE SUPPORT

Real-Time Ray Tracing	☑
Ray Tracing Cores	3rd Generation
Tensor Cores	4th Generation
NVIDIA Architecture	Ada Lovelace
Microsoft DirectX	12 Ultimate
NVIDIA DLSS	3
PCI Express Gen 4	☑
NVIDIA GeForce Experience	☑
NVIDIA Ansel	☑
NVIDIA FreeStyle	☑
Bus Support	PCI-E 4.0 X16
NVIDIA ShadowPlay	☑
OS Certification	Windows 11 / 10, Linux, FreeBSDx86
NVIDIA Highlights	☑
NVIDIA G-SYNC™-Ready	☑
Game Ready Drivers	☑
NVIDIA Studio Drivers	☑
NVIDIA GPU Boost™	☑
Vulkan API	☑
OpenGL	4.6
DisplayPort 1.4a	☑
NVIDIA Encoder	2x 8th Generation
NVIDIA Decoder	5th Generation
HDMI 2.1a	☑

DISPLAY SUPPORT

Multi Monitor	☑
Maxmium Digital Resolution	7680x4320
HDCP	2.3
Standard Display Connectors	HDMI 2.1a, 3x DisplayPort 1.4a

KEY FEATURES

PROGRAMMABLE RGB
Supports Aura Sync, Mystic Light, Polychrome

GRAPHICS CARD STAND
Solid stand to keep the graphics cards in place securely.

OC CONTROL WITH TUNEIT
User friendly UI and functionality

Huge Vapour Chamber
2x better thermal conductivity than copper base

Heatsink Design
No. of heat pipes: 9
Heat pipes length: 2929mm
Surface area: 895508mm²

Multi-functional Backplate
Hot air extraction and release, and PCB protection

ANTICLOCKWISE FAN ROTATION
Outer fans anticlockwise fan rotation for reduced turbulence



MEMORY SPECS

Memory Clock	21 Gbps
Standard Memory Config	24GB
Memory Interface	GDDR6X
Memory Interface Width	384-bit
Memory Bandwidth	1008 GB/sec

GRAPHICS CARD DIMENSIONS

Length	334mm
Height	148mm
Width	63mm

ACCESSORIES

Installation Guide	☑
Power Guide	☑
Graphics Card Stand	☑