

Technical Spec.

GPU Engine Specs:

CUDA Cores	8704
Boost Clock (MHz)	1770
Base Clock(MHz)	1440

Thermal and Power Spec:

Minimum System Power Requirement (W)	750
Supplementary Power Connectors	8+8-pin

Memory Specs:

Memory Clock	19Gbps
Standard Memory Config	10GB
Memory Interface	GDDR6X
Memory Interface Width	320-bit
Memory Bandwidth (GB/sec)	760

Feature Support:

Real-Time Ray Tracing	Yes
Ray Tracing Cores	2nd Generation
Tensor Cores	3rd Generation
NVIDIA Architecture	Ampere
Microsoft DirectX	12 Ultimate
NVIDIA DLSS	Yes
PCI Express Gen 4	Yes
NVIDIA GeForce Experience	Yes
NVIDIA Ansel	Yes
NVIDIA FreeStyle	Yes
Bus Support	PCI-E 4.0 X16

GPU Engine Specs:

NVIDIA ShadowPlay	Yes
NVIDIA Highlights	Yes
OS Certification	Windows 10, Linux, FreeBSDx86
NVIDIA G-SYNC™-Ready	Yes
Game Ready Drivers	Yes
NVIDIA Studio Drivers	Yes
NVIDIA GPU Boost™	Yes
Vulkan API	Yes
OpenGL	4.6
HDMI 2.1	Yes
DisplayPort 1.4a	Yes
NVIDIA Encoder	7th Generation
NVIDIA Decoder	5th Generation
LHR	This GeForce RTX 3080 graphics card with LHR (lite hash rate) delivers 43 MH/s ETH hash rate (est.).

Accessories:

Installation Guide	Yes
Power Guide	Yes

Graphics Card Dimensions:

Length	226mm
Height	119mm
Width	3-slot

Display Support:

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