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Product Info

GeForce GTX TITAN X



Supported Technologies

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✓ 4K

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Product Family

GeForce GTX TITAN X

GeForce GTX 980 Ti

GeForce GTX 980

GeForce GTX 970

GeForce GTX 960 (OEM)

GeForce GTX 960

GeForce GTX 950 (OEM)

GeForce GTX 950

Specifications

Note: The below specifications represent this GPU as incorporated into NVIDIA's reference graphics card design. Clock specifications apply while gaming with medium to full GPU utilization. Graphics card specifications may vary by Add-in-card manufacturer. Please refer to the Add-in-card manufacturers' website for actual shipping specifications.

GeForce GTX TITAN X Engine Specs:

CUDA Cores	3072
Base Clock (MHz)	1000
Boost Clock (MHz)	1075
Texture Fill Rate (GigaTexels/sec)	192

GeForce GTX TITAN X Memory Specs:

Memory Clock	7.0 Gbps
Standard Memory Config	12 GB
Memory Interface	GDDR5
Memory Interface Width	384-bit
Memory Bandwidth (GB/sec)	336.5

GeForce GTX TITAN X Technology Support:

NVIDIA SLI® Ready	Yes (4-way)
NVIDIA G-Sync™-Ready	Yes
NVIDIA GameStream™-Ready	Yes
GeForce ShadowPlay™	Yes
NVIDIA GPU Boost™	2.0
Dynamic Super Resolution	Yes
MFAA	Yes
NVIDIA GameWorks™	Yes
Microsoft DirectX	12 API with Feature Level 12.1
OpenGL	4.5
CUDA	Yes
Bus Support	PCI Express 3.0
OS Certification	Windows 8 & 8.1, Windows 7, Windows Vista, Linux, FreeBSD x86

Display Support:

Maximum Digital Resolution*	5120x3200
Maximum VGA Resolution	2048x1536
Standard Display Connectors	Dual Link DVI-I, HDMI 2.0, 3x DisplayPort 1.2
Multi Monitor	4 displays
HDCP	Yes
Audio Input for HDMI	Internal

GeForce GTX TITAN X Graphics Card Dimensions:

Height	4.376 inches
Length	10.5 inches
Width	Dual-width

Thermal and Power Specs:

Maximum GPU Temperature (in C)	91 C
Graphics Card Power (W)	250 W
Recommended System Power (W)**	600 W
Supplementary Power Connectors	6-pin + 8-pin

* 5120X3200 AT 60HZ WITH DUAL DISPLAYPORT CONNECTORS.

** RECOMMENDATION IS MADE BASED ON PC CONFIGURED WITH AN INTEL CORE I7 3.2 GHZ PROCESSOR. PRE-BUILT SYSTEM MAY REQUIRE LESS POWER DEPENDING ON SYSTEM CONFIGURATION.