

# GEFORCE GTX 1080

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## GPU Engine Specs:

NVIDIA CUDA® Cores	2560
Base Clock (MHz)	1607
Boost Clock (MHz)	1733

## Memory Specs:

Memory Speed	10 Gbps
Standard Memory Config	8 GB GDDR5X
Memory Interface Width	256-bit
Memory Bandwidth (GB/sec)	320

## Technology Support:

Simultaneous Multi-Projection	Yes
VR Ready	Yes
NVIDIA Ansel	Yes
NVIDIA SLI® Ready	Yes - SLI HB Bridge Supported

NVIDIA G-SYNC™-Ready	Yes
NVIDIA GameStream™-Ready	Yes
NVIDIA GPU Boost™	3.0
Microsoft DirectX	12 API with feature level 12_1
Vulkan API	Yes
OpenGL	4.5
Bus Support	PCIe 3.0
OS Certification	Windows 7-10, Linux, FreeBSDx86

## Display Support:

Maximum Digital Resolution:	7680x4320@60Hz
Standard Display Connectors	DP 1.4, HDMI 2.0b, DL-DVI
Multi Monitor	Yes
HDCP	2.2

## Graphics Card Dimensions:

Height	4.376"
Length	10.5"
Width	2-Slot

## Thermal and Power Specs:

Maximum GPU Temperature (in C)	94
Graphics Card Power (W)	180 W
Recommended System Power (W)	500 W
	8-Pin