



M3NX980-NN

Features

- Powered by the next-generation NVIDIA Maxwell™ architecture.
- Ideal for Performance driven system such as casino gaming, medical imaging, defense and aerospace systems.
- Delivered 4K fidelity to 1080p displays for exceptional detail and image quality.
- Convenient way to gain high CUDA computing performance.
- Blistering 3D performance and crystal-image quality.
- Support NVIDIA SLI, CUDA™, MFAA, DSR, PhysX™, Optimus™, DirectX® 12, OpenGL® 4.5 and Direct Compute.

Specification

GPU Engine Specs

GPU	NVIDIA GeForce GTX 980
NVIDIA® CUDA™ Cores	2048
NVIDIA Core Clock	1064 MHz + Boost
Floating Point Performance (GFLOPS)	4358.144

Memory Specs

Memory Size	8GB GDDR5
Memory Clock	7.0 Gbps
Memory Interface Width	256-bit
Memory Bandwidth (GB/sec)	224

Feature Support

Bus Type	MXM3.1 / up to PCI Express 3.0
Open GL	4.5
DirectX	12 API with Feature Level 12.1
Open CL	1.2

Operation System	Windows® 7
	Windows® 8 and 8.1
	Windows® 10

Display Support

Max. Digital Display Support	3840x2160
Max. Analog Display Support	2048x1536
Display Interface	DP_A: DisplayPort, HDMI, DVI (single-link or dual-link with DP_B) DP_B: DisplayPort, DVI (dual-link with DP_A) DP_C: DisplayPort, HDMI, DVI (single-link) DP_D: DisplayPort, eDP VGA: VGA

Power Specs

Max. Board Power Consumption (W)	130 W
Supplementary Power Connector	4-pins (PWR_SRC)

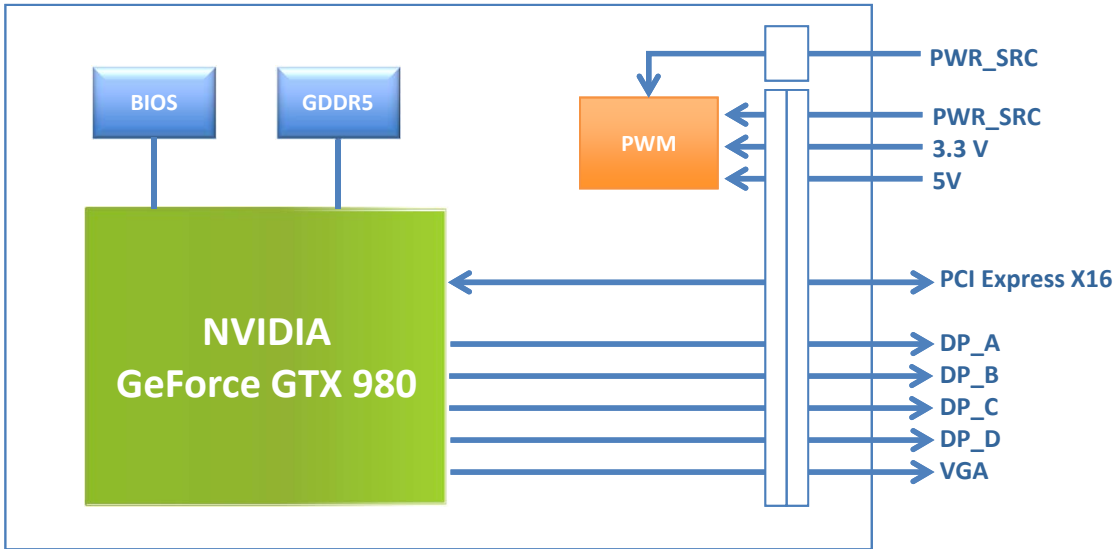
Dimensions

Form Factor	MXM graphics module
Length	115 mm
Height	82 mm



Block Diagram

M3NX980-NN



Mechanical

