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MXM Series

M3N970M-MN

Features

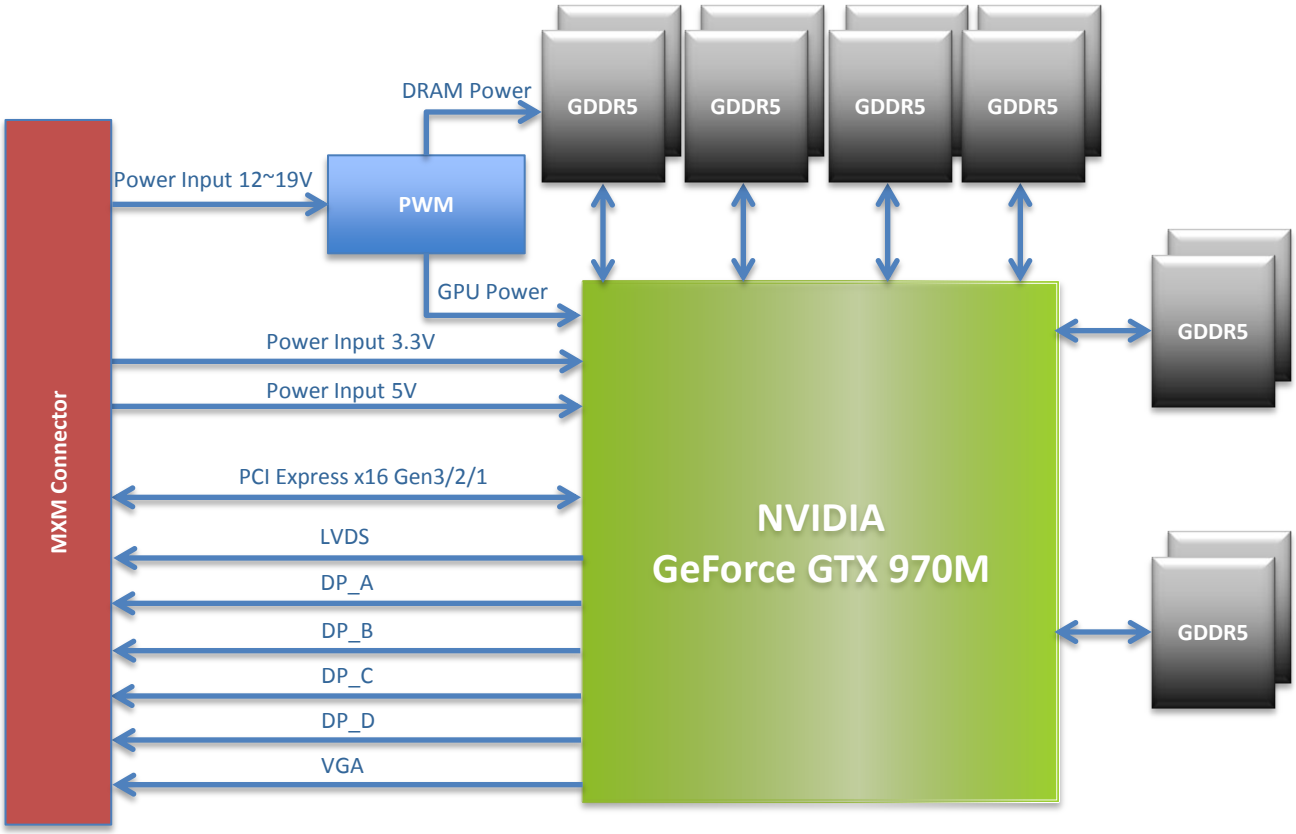
- **Powered by the next-generation NVIDIA Maxwell ™ architecture.**
- **Ideal for Performance driven system such as casino gaming, medical imaging, defense and aerospace systems.**
- **Delivered 4K fidelity to 1080p displays for exceptional detail and image quality.**
- **Convenient way to gain high CUDA computing performance.**
- **Blistering 3D performance and crystal-image quality.**
- **Support NVIDIA CUDA ™, MFAA, DSR, PhysX ™, Optimus™, DirectX® 12, OpenGL® 4.4 and Direct Compute.**

Specification

GPU Engine Specs	
GPU	NVIDIA GeForce GTX 970M
NVIDIA® CUDA™ Cores	1280
Floating Point Performance (GFLOPS)	2365.44
Memory Specs	
Memory Size	6GB GDDR5
Memory Clock	2500 MHz
Memory Interface Width	192-bit
Memory Bandwidth (GB/sec)	120
Feature Support	
Bus Type	MXM3.1 / up to PCI Express 3.0
Open GL	4.4
DirectX	12
Open CL	1.1
Operation System	Windows® 7 Windows® 8 Windows® 8 .1 Linux
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 LVDS: LVDS (single-link or dual-link), DVI (single-link or dual- link) VGA: VGA
Power Specs	
Max. Board Power Consumption (W)	80 W
Dimensions	
Form Factor	MXM graphics module version 3.0, Type B
Length	105 mm
Height	82 mm

Block Diagram

M3N970M-MN



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