

M3N980M-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 CUDA™, MFAA, DSR, PhysX™, Optimus™, DirectX® 12, OpenGL® 4.4 and Direct Compute.

Specification

GPU Engine Specs

| | |
|-------------------------------------|-------------------------|
| GPU | NVIDIA GeForce GTX 980M |
| NVIDIA® CUDA™ Cores | 1536 |
| Floating Point Performance (GFLOPS) | 3188.736 |

Memory Specs

| | |
|---------------------------|-----------|
| Memory Size | 8GB GDDR5 |
| Memory Clock | 2500 MHz |
| Memory Interface Width | 256-bit |
| Memory Bandwidth (GB/sec) | 160 |

Feature Support

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|----------|--------------------------------|
| Bus Type | MXM3.1 / up to PCI Express 3.0 |
| Open GL | 4.4 |
| DirectX | 12 |
| Open CL | 1.1 |

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|------------------|---------------|
| Operation System | Windows® 7 |
| | Windows® 8 |
| | Windows® 8 .1 |
| | Linux |

Display Support

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|------------------------------|---|
| 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

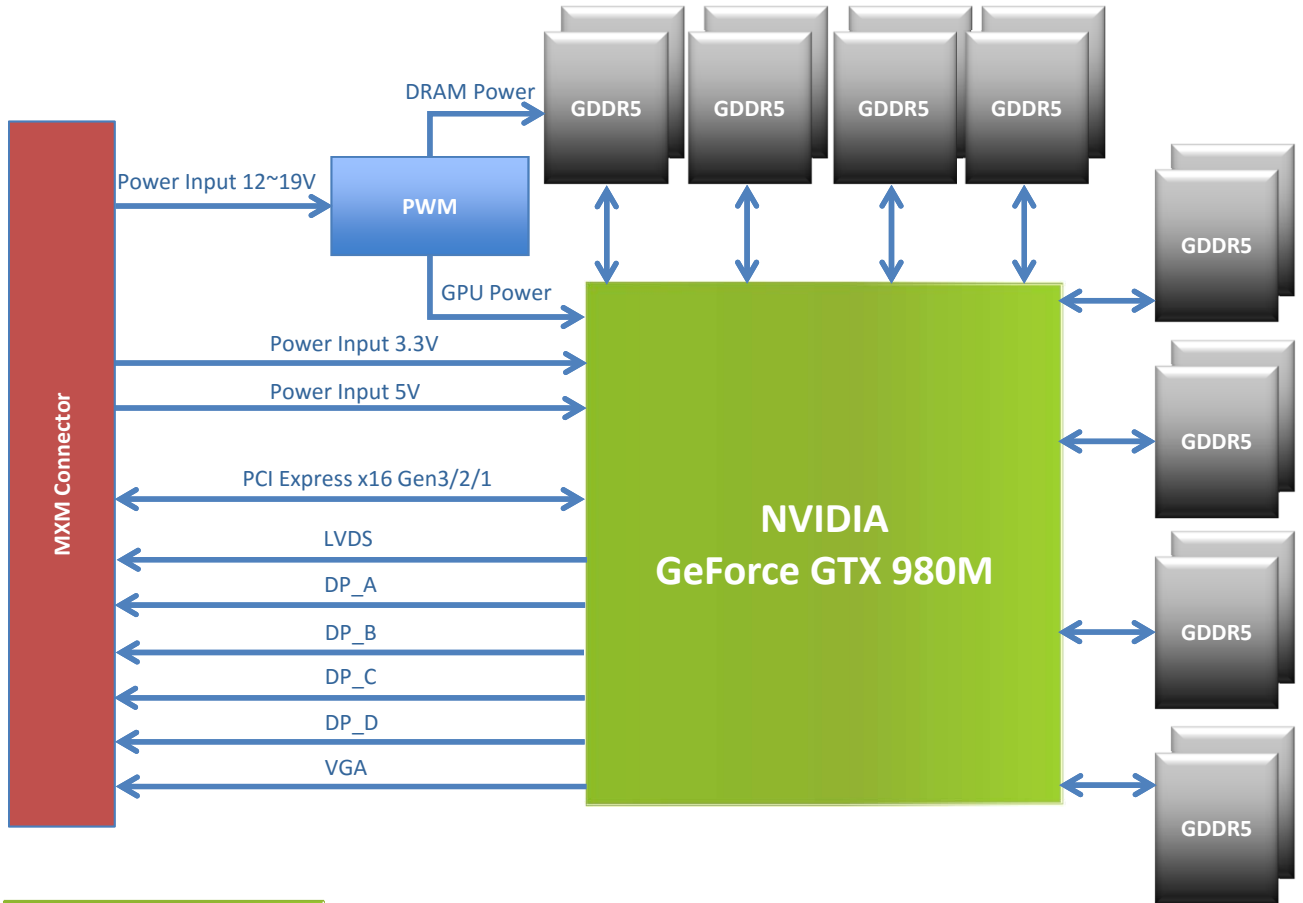
| | |
|----------------------------------|-------|
| Max. Board Power Consumption (W) | 100 W |
|----------------------------------|-------|

Dimensions

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|-------------|---|
| Form Factor | MXM graphics module version 3.0, Type B |
| Length | 105 mm |
| Height | 82 mm |

Block Diagram

M3N980M-NN



Mechanical

