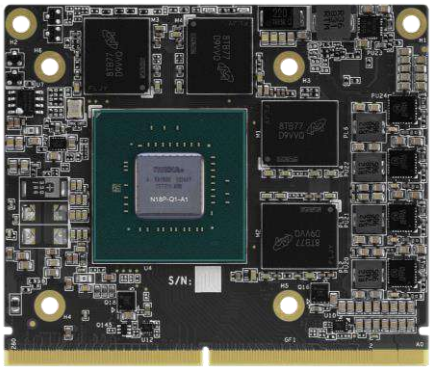
M3P1000-LN

Features

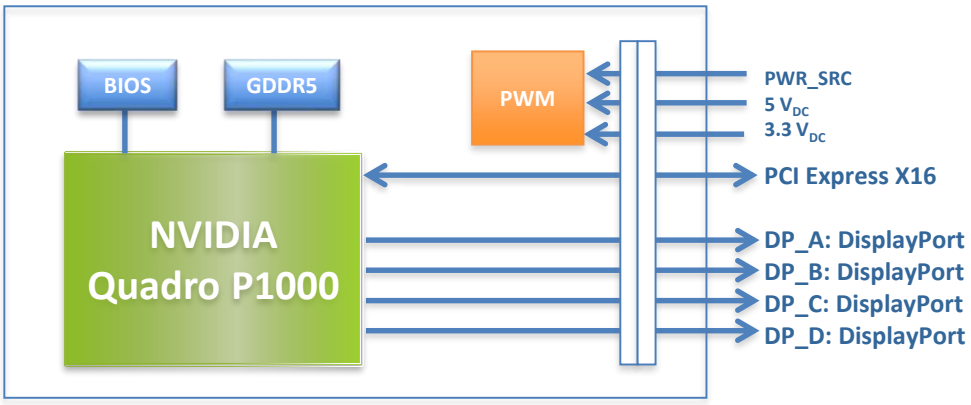
- **Powered by Quadro Embedded P1000 GPU.**
- **512 new-gen. Pascal architecture CUDA cores.**
- **DisplayPort 1.2 Certified, DisplayPort 1.3/1.4 Ready.**
- **Support NVIDIA CUDA Toolkit 8.0, CUDA Compute version 6.1, DirectX 12, OpenGL 4.5 and Vulkan 1.0.**
- **Ideal for medical imaging, gaming and deep learning applications.**

Specifications

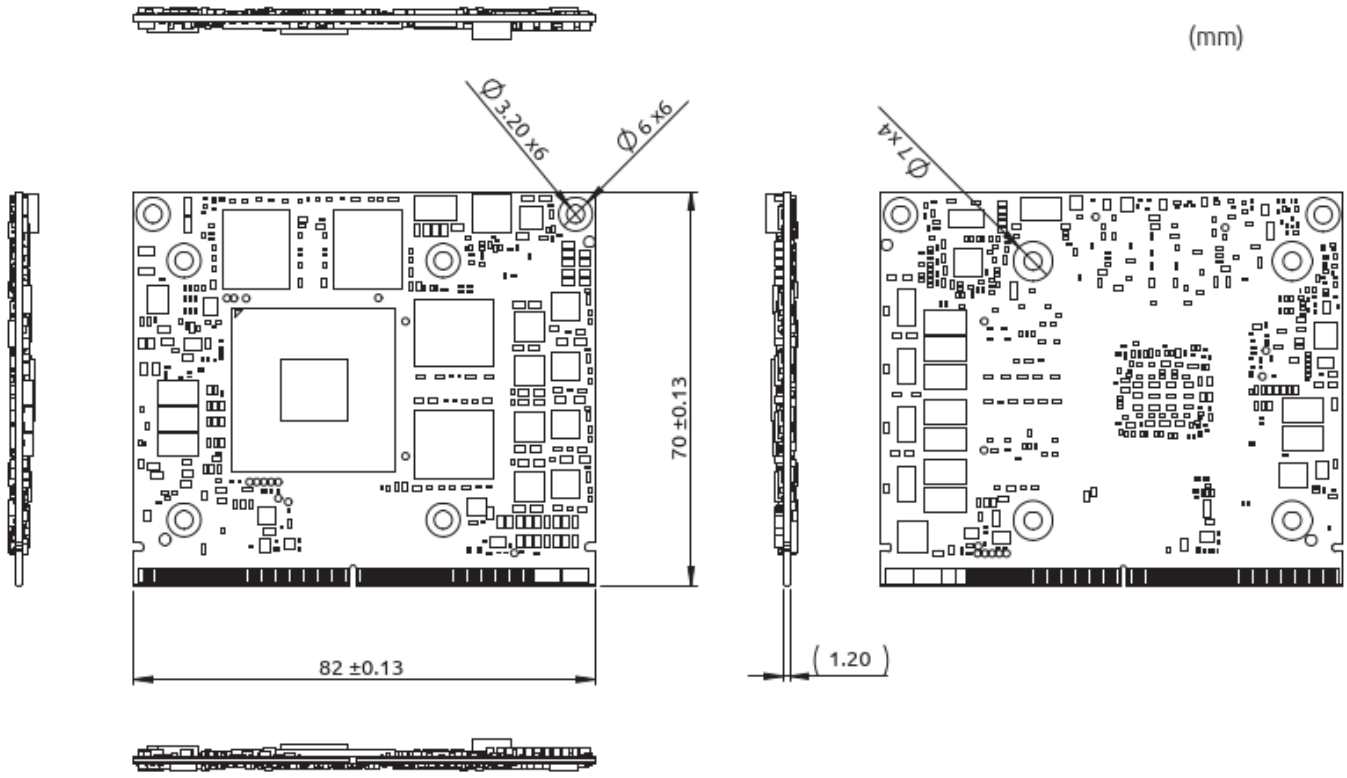


GPU Engine Specs	
GPU	NVIDIA Quadro P1000
GPU Clock (Base/Boost)	1354/1392 MHz
NVIDIA CUDA Cores	512
BIOS Version	TBD
Floating Point Performance	1.8 TFLOPS SP Peak
Memory Specs	
Memory Size	4GB GDDR5
Memory Clock	6.0 Gbps
Memory Interface Width	128-bit
Memory Bandwidth (GB/sec)	96
Feature Support	
Bus Support	PCI Express 3.0
Open GL	4.5
DirectX	12
Open CL	1.2
Operation System	Windows 7 – 10 64-bit Linux 64-bit
Display Support	
Max. Digital Display Support	7680x4320
Max. Analog Display Support	Not Support
Display Interface	DP_A: DisplayPort1.4 DP_B: DisplayPort1.4 DP_C: DisplayPort1.4 DP_D: DisplayPort1.4
Power Specs	
Max. Board Power Consumption (W)	47 W
Dimensions	
Form Factor	MXM graphics module version 3.1, Type A
Length	70 mm
Height	82 mm

Block Diagram



Mechanical



Ordering Information

Module Number	Description
M3P1000-LN	MXM3.1 Type A, NVIDIA Quadro P1000, 4GB GDDR5, 0˚C to +55˚C
M3P1000-LN-A	MXM3.1 Type A, NVIDIA Quadro P1000, 4GB GDDR5, -40˚C to +85˚C