

X3N1050TI-LFA

Features

- Powered by GeForce® GTX 1050Ti energy-efficiency mobile GPU.
- 768 new-gen. Pascal architecture CUDA cores.
- VITA 42.3 compliant, adaptable for CPCI and VME systems.
- 25W to 60W, support TDP configuration.
- High level CUDA compute, ideal for GPU computing, visual computing and Deep Learning processing .

Specifications



GPU Engine Specs

GPU	NVIDIA GeForce GTX 1050Ti
GPU Clock	620 MHz
NVIDIA® CUDA™ Cores	768
BIOS Version	TBD
Floating Point Performance	952.32 GFLOPS

Memory Specs

Memory Size	4GB GDDR5
Memory Clock	7.0 Gbps
Memory Interface Width	128-bit
Memory Bandwidth (GB/sec)	112

Feature Support

Bus Support	PCI Express 3.0
Open GL	4.5
DirectX	12
Open CL	1.2
Operation System	Windows® 7 - 10 ¹ Linux

Display Support

Ma. Display per Board	4
Max. Digital Display Support	3840x2160 ²
Max. Analog Display Support	none
Display Interface	4* DVI or 4* HDMI via VHDCI

Thermal and Power Specs

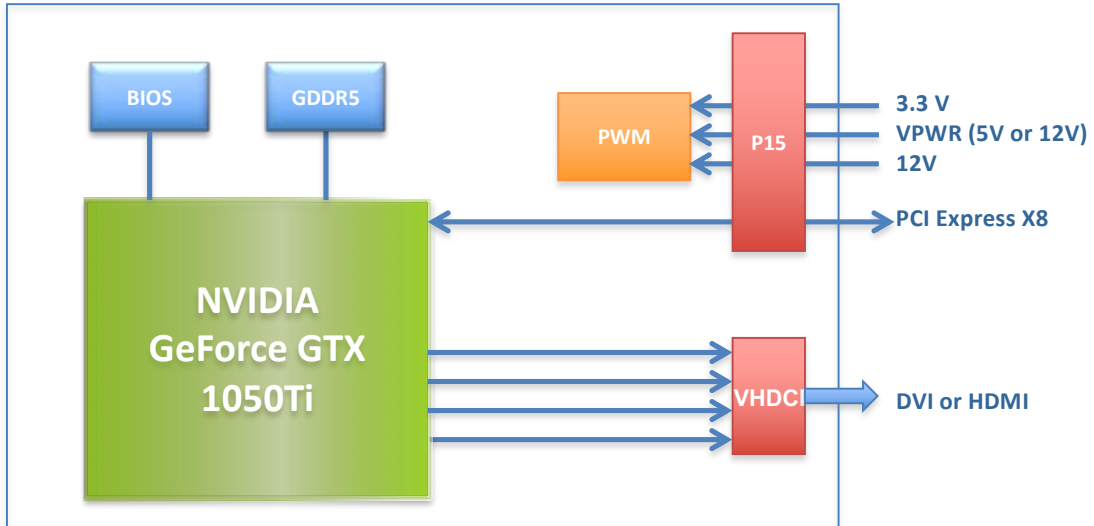
Thermal	Air cooled
Max. Board Power Consumption (W)	30 W

Dimensions

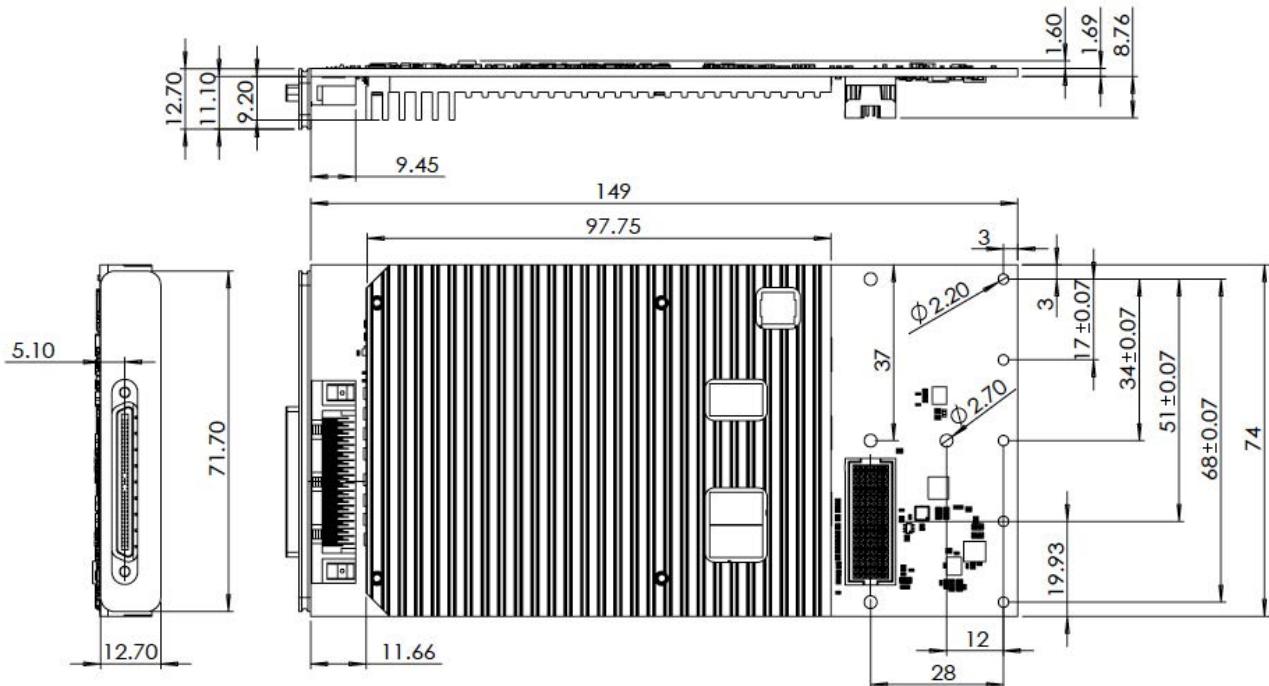
Form Factor	XMC
Length	149 mm
Height	74 mm

1. Windows10 requires November 2015 update or newer
2. DVI does NOT support 3840x2160

Block Diagram



Mechanical



Ordering Information

Model Number	Description
X3N1050TI-LFA- <u>yyy</u>	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, 0°C to +55°C
X3N1050TI-LFA- <u>yyy</u> -C	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, 0°C to +55°C, with coating
X3N1050TI-LFA- <u>yyy</u> -B	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, -20°C to +70°C
X3N1050TI-LFA- <u>yyy</u> -BC	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, -20°C to +70°C, with coating

Output Code-- HDMI: Include VHDCI Cable to 4* HDMI
DVI: Include VHDCI Cable to 4* DVI