X3N1050TI-LFAB

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.

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

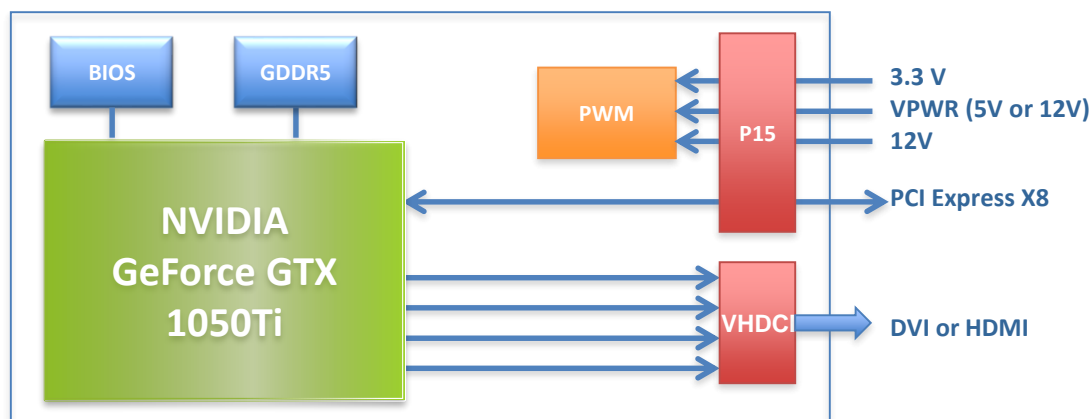|	
Ma. Display per Board	4
Max. Digital Display Support	3840x2160[2]
Max. Analog Display Support	none
Display Interface	4* DVI or 4* HDMI via VHDCI

Thermal and Power Specs

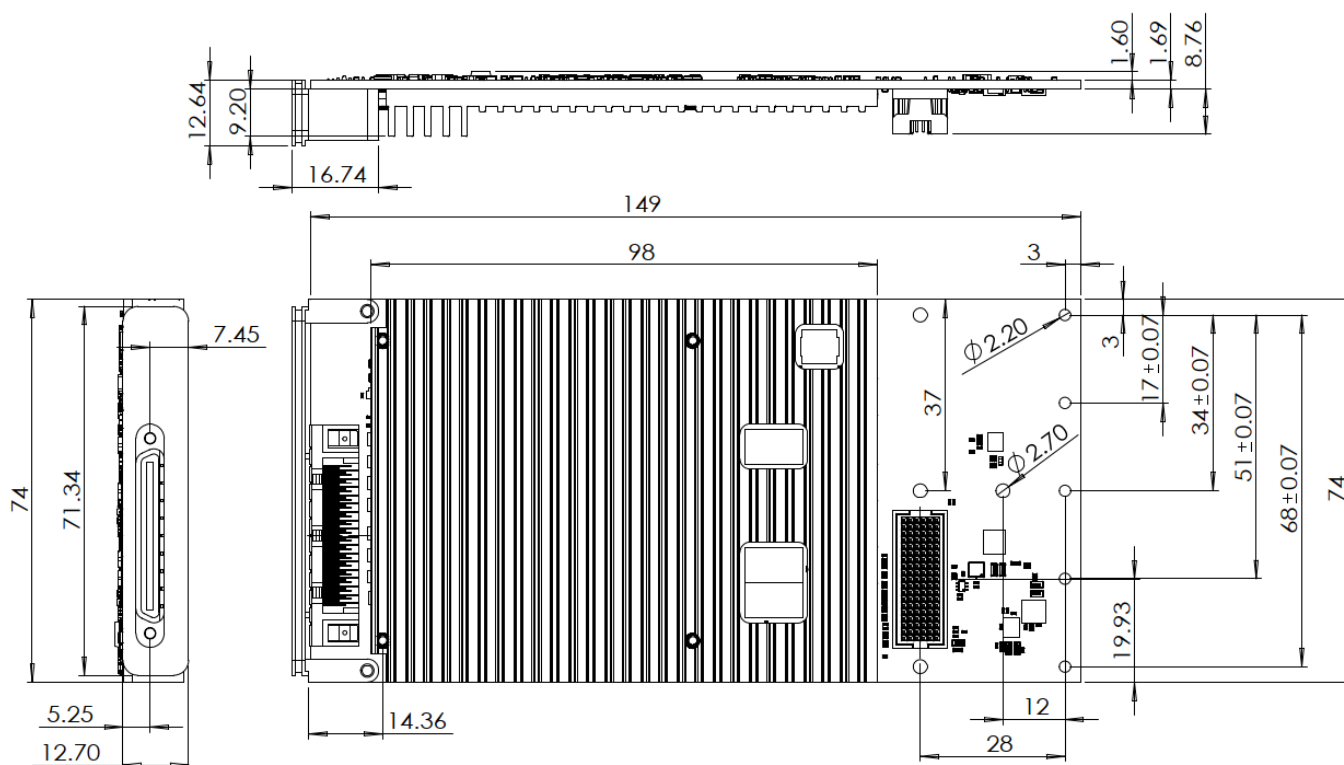|	
Thermal	Air cooled
Max. Board Power Consumption (W)	30 W

Dimensions

Form Factor	XMC
Length	149 mm
Height	74 mm

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

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Block Diagram

Mechanical

Ordering Information

Model Number	Description
X3N1050TI-LFAB-**yyyy**	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, 0˚C to +55˚C
X3N1050TI-LFAB-**yyyy**-C	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, 0˚C to +55˚C, with coating
X3N1050TI-LFAB-**yyyy**-B	XMC, NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, Air-Cooled, -20˚C to +70˚C
X3N1050TI-LFAB-**yyyy**-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