

N1050-J9FX

Features

- Powered by GeForce GTX 1050
- DisplayPort 1.2 Certified, DisplayPort 1.3/1.4 Ready.
- Support optimal resolution 7680x4320 at 60Hz.
- Analog display supported.
- OpenCL 1.2, OpenGL 4.5, DirectX 12 and Vulkan compatible.
- Ideal for gaming system.

Specifications

GPU Engine Specs

GPU	Nvidia GeForce GTX 1050
Nvidia CUDA Cores	640
Graphics Clock (Base/Boost)	1354/1455 MHz
Floating Point Performance	1.73 TFLOPS

Memory Specs

Memory Size	2GB GDDR5
Memory Clock	7.0 Gbps
Memory Interface Width	128-bit
Memory Bandwidth (GB/sec)	112

Feature Support

Bus Type	PCI Express 3.0 x16
OpenGL	4.5
DirectX	12 API
CUDA enabled	Yes
Operation System	Windows® 7 - 10 ¹ Linux

Display Support

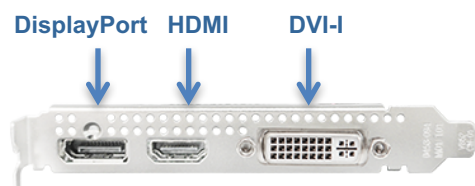
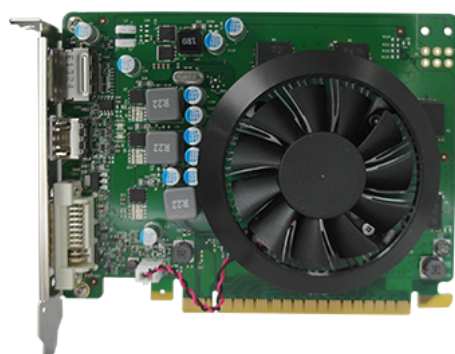
Max. Displays per Board	3
Max. Digital Display Support ²	7680x4320
Max. Analog Display Support	1920x1200
Display Connectors	DisplayPort 1.2 ³ HDMI 2.0b DL-DVI-I

Thermal and Power Specs

Thermal	2-ball bearing FAN
Max. GPU Temperature (in C)	97 °C
Max. Board Power Consumption (W)	75 W
Min. System Power Requirement (W)	300 W

Dimensions

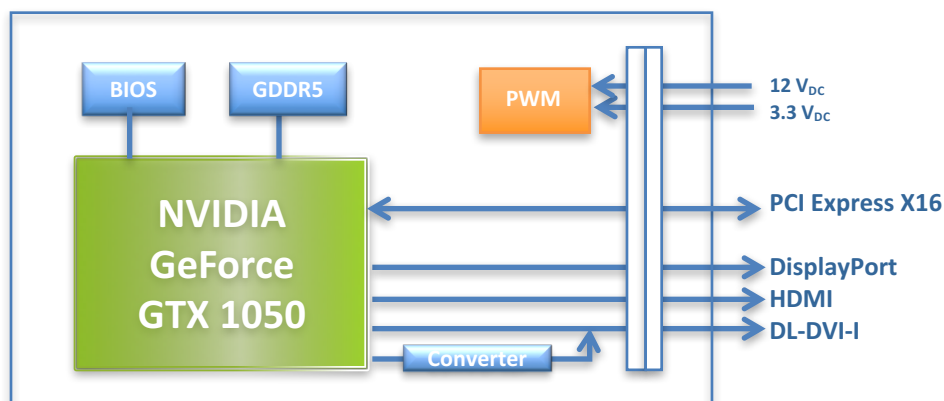
Form Factor	ATX
Length	144.78 mm
Height	111.15 mm
Width	Two slot



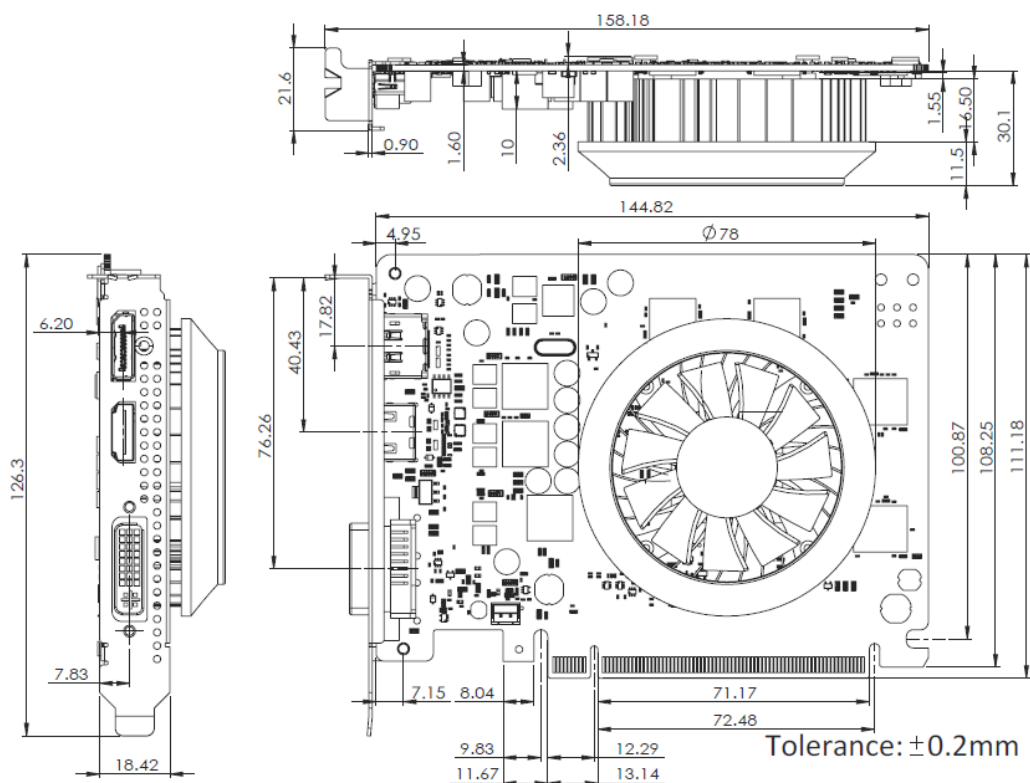
1. Windows10 requires November 2015 update or newer
2. 7680x4320 60Hz RGB 8-bit with dual-DisplayPort connector

N1050-J9FX

Block Diagram



Mechanical



Ordering Information

Module Number	Description
N1050-J9FX	PCI-Express 16X, Nvidia GeForce GTX 1050, 2GB GDDR5, 0°C to +55°C