

GIGABYTE GeForce GTX 750 Ti GPU specifications

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Name / Brand / Architecture

Manufacturer:	GIGABYTE
Model:	GeForce GTX 750 Ti
Part number:	GV-N75TD5-2GI
Based on:	NVIDIA GeForce GTX 750 Ti [Compare]
Target market segment:	Desktop
Die name:	GM107-400-A2
Architecture:	Maxwell
Fabrication process:	28 nm
Transistors:	1.87 billion
Bus interface:	PCI-E 3.0 x 16

Frequency

Base clock:	1020 MHz
GPU boost:	2.0
Boost clock:	1085 MHz

Memory specifications

Memory size:	2048 MB
Memory type:	GDDR5
Memory clock:	1350 MHz
Memory clock (effective):	5400 MHz
Memory interface width:	128-bit
Memory bandwidth:	86.4 GB/s

Cores / Texture

CUDA:	5.0
CUDA cores:	640
ROPs:	16
Texture units:	40
RAMDACs:	400 MHz

Electric characteristics

Maximum power draw:	60 W
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Video features

Multi-monitor:	Up to 4 displays
Maximum digital resolution:	4096 x 2160
Maximum DVI resolution:	2560 x 1600
Maximum HDMI resolution:	4096 x 2160 @ 24 Hz or 3840 x 2160 @ 30 Hz
Maximum VGA resolution:	2048 x 1536
Anti-Aliasing technologies:	FXAA TXAA
HDMI:	Yes
HDMI version:	1.4a

Performance

Pixel fill rate:	17.36 Gigapixels/s
Texture fill rate:	43.4 Gigatexels/s
Single precision compute power:	1388.8 GFLOPS
Double precision compute power:	43.4 GFLOPS



External connectors

Standard display connectors:	2 x HDMI Dual Link DVI-D Dual Link DVI-I
Audio input for HDMI:	Yes

Dimensions

Size (length x height):	7.24 inches (184 mm) x 5.35 inches (136 mm)
Width:	Dual Slot

Other features / Support

Other features:	3D Vision  3D Vision Surround  Direct Compute 5.0 HDCP PhysX
Open CL support:	1.1
OpenGL support:	4.4
DirectX support:	12.0 (Feature Level 11_0)
Vulkan support:	1.1.73
Shader model:	5.1