ComX Computers
Product Specification Sheet

GV-N550WF2-1GI

GIGABYTE nVidia GeForce GTX550Ti Graphics Card - 1GB GDDR5, 192-Bit Memory Bus, PCI Express 2.0

Product Overview

GIGABYTE nVidia GeForce GTX550Ti Graphics Card - 1GB GDDR5, 192-Bit Memory Bus, PCI Express 2.0, 2x DVI, 1x Mini HDMI, HDCP Compliant, Core: 970MHz / Shader: 1940MHz / Memory: 4200MHz, DirectX 11, OpenGL, nVidia CUDA & PhysX Technology, Win Vista / 7 Certified, OC Edition.



Specifications

Overview:

- Powered by NVIDIA GeForce GTX 550 Ti GPU.
- Integrated with industry's best 1 GB GDDR5 memory 192-bit memory interface.
- Features Dual link DVI-I/ D-sub/ HDMI with HDCP protection.
- OC edition.
- GIGABYTE WINDFORCE 2X Parallel-inclined anti-turblence cooling design.
- Support NVIDIA SLI Technology.
- Support NVIDIA 3D Vision.
- Support NVIDIA CUDA Technology.
- Support NVIDIA PhyX Technology.
- Minimum 400W or greater system power supply with one 6-pin external power connectors.

Features:

Ultra Durable 2
Using high quality components on graphics cards is the key factor for having a long lasting, stable and reliable product. GIGABYTE is again setting a new standard by using Ferrite Core Chokes, Low RDS (on) MOSFET and Lower ESR Solid Capacitors, providing the stability and reliability from their high-end graphics solution. In addition, GIGABYTE Ultra Durable 2 Edition graphics cards now feature a sophisticated layout topology. This state-of-the-art power design from GIGABYTE delivers the ideal integration of thermal, electric characteristics, digital signals, power circuitry and optimum placement of components for enhanced graphics performance.

WindForce 2X Anti-turbulence-Parallel inclined
WINDFORCE 2X parallel-inclined fin design is equipped with 2 ultra quiet PWM fans and two copper heat pipes to enlarge air

channel on the graphics card vents and creates a more effective airflow system in chassis.

Gold plated HDMI
Gold plated, durable large contact area connectors have been used for optimum signal transfer between connections.

PhysX Technology
NVIDIA PhysX is the next big thing in gaming!Delivering physics in games is no easy task. It's an extremely compute-intensive environment based on a unique set of physics algorithms that require tremendous amounts of simultaneous mathematical and logical calculations. The best way to get real-time physics, such as explosions that cause dust and debris, characters with life-like motion or cloth that drapes and tears naturally is with an NVIDIAPhysX-ready GeForce processor. PhysX software is widely adopted by over 150 games, is used by more than 10,000 registered users and is supported on Sony Playstation 3, Microsoft Xbox 360, Nintendo Wii and PC. PhysX technology will take gaming to a whole new level.

CUDA Technology
NVIDIA CUDA technology unlocks the power of the hundreds of cores in your NVIDIA GeForce graphics processor (GPU) to accelerate some of the most performance hungry computing applications. The CUDA technology already adopted by thousands of programers to speed up those performance hungry computing applications.

SLI Technology
Delivers up to 2X the performance of a single GPU configuration for unparalleled gaming experiences by allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express graphics, SLI dramatically scales performance on 60 top PC games.

NVIDIA 3D Vision
NVIDIA 3D Vision brings a fully immersive stereoscopic 3D experience to the PC. A combination of high-tech wireless glasses and advanced software 3D Vision transforms hundreds of PC games into full stereoscopic 3D. Users can even watch 3D movies and 3D digital photographs in crystal-clear quality.

Microsoft Window7
Microsoft Windows 7 is the next generation operating system that will mark a dramatic improvement in the way the OS takes advantage of the graphics processing unit (GPU) to provide a more compelling user experience. By taking advangate of the GPU for both graphics and computing, Windows 7 will not only make todays's PCs more visual and more interactive but also ensure that they have the speed and responsiveness customers want

RoHS Compliant
As a citizen of the global village, GIGABYTE exert ourselves to be a pioneer in environment care. Give the whole of Earth a promise that our products do not contain any of the restricted substances in concentrations and applications banned by the RoHS Directive, and are capable of being worked on at the higher temperatures required for lead free solder. One Earth and GIGABYTE Cares!

Specifications:

Chipset	GeForce GTX 550 Ti
PCB Form	ATX
Core Clock	970 MHz
Shader Clock	1940 MHz
Memory Clock	4200 MHz
Process Technology	40 nm
Memory Size	1 GB
Memory Bus	192 bit

Card Bus	PCI-E 2.0
Memory Type	GDDR5
DirectX	11
OpenGL	4.1
I/O	DVI-I x1
	HDMI x1
	D-sub x1
Digital max resolution	2560 x 1600
Analog max resolution	2048 x 1536
Multi-view	2
Tools	N/A
Card size	239 mm x 138 mm x 41 mm
Power requirement	400W (with one 6-pin external power connectors)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/GV-N550WF2-1GI-GIGABYTE-nVidia-GeForce-GTX550Ti-Graphics-Card-1GB-GDDR5-192-Bit-p-54954.php

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