ComX Computers
Product Specification Sheet

GTX670-DC2-2GD5

Asus NVIDIA GeForce GTX 670 DirectCU II GDDR5 2GB Graphics Card

Product Overview

Asus NVIDIA GeForce GTX 670 DirectCU II GDDR5 2GB Graphics Card, PCI Express 3.0, SLI Support, 6008MHz Memory Clock, 256-bit Memory Interface, 2560x1600 Resolution, DVI/HDMI/Display port, DirectX 11, NVIDIA 3D Vision Surround Ready, NVIDIA PhysX ready, NVIDIA Adaptive V-Sync, NVIDIA GPU Boost.







Specifications

Overview:

NVIDIA GeForce
Powered by NVIDIA GeForce GTX670.

NVIDIA GPU Boost
NVIDIA GPU Boost technology that dynamically maximizes clock speeds to push performance to new levels.

NVIDIA Adaptive V-Sync
NVIDIA Adaptive Vertical Sync adjusts VSync to current frame rates for maximum playability.

NVIDIA PhysX ready
Dynamic visual effects like blazing explosions, reactive debris, realistic water, and lifelike characters.

SLI Support
Multi-GPU technology for extreme performance.

NVIDIA 3D Vision Surround Ready
Bring games to life with NVIDIA Surround multi-monitor gaming on a single card.

PCIE 3.0
Delivers double the bandwidth per lane of PCIe Gen 2 for faster GPU - CPU communication.

Microsoft DirectX 11 Support
Brings new levels of visual realism to gaming on the PC and get top-notch performance.

Features:

Direct cooling for 20% cooler than reference
If the GPU is the heart of a graphics card, then the cooling device would be its lungs. Without it, the graphics card would not be able to "breath" smoothly, causing it to break down or even cause the entire system to fail. For ultimate cooling, ASUS DirectCU thermal technology developed the ideal heat banishing copper in exclusively designed heat pipes for direct and fast heat dissipation.

ASUS DirectCU technology
Thick copper heatpipes are accurately positioned in direct contact with the GPU surface so heat is transported and dissipated efficiently to the heatsink - achieving a 20% cooler performance than reference. Since heat is carried away faster, fans can spin at a lower speed thus resulting in quieter performance than reference.

Other brands
An extra metal plate is placed between the heatpipes and GPU, slowing down heat transfer to the heatsink. Due to temperature build-up, the fan has to spin faster, leading to louder operating noise.

Super Alloy Power
15% performance boost, 2.5 times longer lifespan, 35 degreesC cooler operation. The new and exclusive Super Alloy Power technology on ASUS graphics cards uses a special alloy formula which is highly-magnetic, heat-resistant and anti-corrosive. It delivers a more stable and quieter operation compared to the reference design - a welcome bonus sought after by performance seekers.

15% Performance Boost
During overclocking, the Super Hybrid Engine acts as an intelligent controller to switch between high and low intensity power profiles in real time for 15% performance boost.

2.5X Longer Lifespan
Super Alloy Capacitor increases the card's lifespan to 150,000 hours which is 2.5 times longer* than traditional capacitors.

35 degreesC Cooler Operations
Super Alloy components are reinforced with special alloy formula and manufactured under high temperature and pressure to deliver stable and noise-free operation.

Tweak and tune like a PRO
Overclocking is made real-time and intuitive with ASUS GPU Tweak utility. It not only allows you to optimize clock speeds, voltage and fan speeds on up to four graphics cards independently or simultaneously, you can also select between GPU Tweak's Standard or Advanced modes depending on your level of experience. For gamers out there, GPU Tweak enables instantaneous in-game video recording up to 720p resolution so you can share clips with the community easily. On top of these exciting tools, ASUS gives you more: Sync GPU clocks and voltages for easier overclocking; Automatically check and

update driver and BIOS versions; Get detailed specs and actual card status with GPU-Z; 2D/3D switcher can lock the card in 3D for higher benchmarks; Monitoring widget provides detailed multi-parameter info.

Specifications:

Graphics Engine	NVIDIA GeForce GTX 670
Bus Standard	PCI Express 3.0
Video Memory	GDDR5 2GB
Engine Clock	GPU Boost Clock : 980 MHz
	GPU Base Clock : 915 MHz
CUDA Core	1344
Memory Clock	6008 MHz (1502 MHz GDDR5)
Memory Interface	256-bit
Resolution	DVI Max Resolution : 2560x1600
Interface	DVI Output : Yes x 1 (DVI-I), Yes x 1 (DVI-D)
	HDMI Output : Yes x 1
	Display Port : Yes x 1 (Regular DP)
Accessories	1 x Power cable
Software	ASUS Utilities & Driver
ASUS Features	DirectCU Series
	Super Alloy Power
Dimensions	10.7 " x 5.4 " x 1.7 " Inch
Note	*To have the best cooling performance, ASUS GTX670-DC2-2GD5 extends the fansink to 2 slots. Please double check you Chassis and Motherboard dimension prior to purchase to make sure it fits in your system!
	*Note that the actual boost clock will vary depending on actual system conditions. For more information, please visit http://www.geforce.com/

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/GTX670-DC2-2GD5-Asus-NVIDIA-GeForce-GTX-670-DirectCU-II-GDDR5-2GB-Graphics-Card-p-60533.php

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