ComX Computers
Product Specification Sheet

GTX680-DC2T-2GD5

Asus nVidia GeForce GTX680 DIRECTCU II TOP Graphics Card

Product Overview

Asus nVidia GeForce GTX680 DIRECTCU II TOP Graphics Card, 2GB DDR5, 256-BIT, PCI EXPRESS 3.0 / DVI-I X 1, DVI-D X 1, HDMI X 1, DP X 1.



Specifications

Overview:

- Cranked 143MHz over reference for an ultimate boost clock of 1201MHz.
- All new DirectCU thermal design utilizes five all-copper heatpipes and 20% bigger dissipation area, achieving 20% cooler and 14dB quieter performance than reference.
- Acclaimed DIGI+ VRM with 10-phase Super Alloy Power technology delivers precise digital power and enhanced overclocking headroom.
- VGA Hotwire allows you to plug and solder wires on the card's voltage regulators and accurately read and control Vcore, Vmem, and PLL voltages on a hardware level.
- GPU Tweak utility helps you modify and tune boost clock, power target , and fan performance via an intuitive interface.

Features:

DirectCU II
20% cooler and 14dB quieter with exclusive DirectCU II thermal solution VGA hotwire.

VGA hotwire
Propreitary VGA hotwire allows you to plug and solder wires on the card's voltage regulators and accurately read and control Vcore, Vmem, and PLL voltages from ASS ROG MBs on a hardware level.

GPU Tweak
GPU Tweak co-developed with the most authoritative GPU-Z to provide the most accurate information.

DIGI+ VRM with 10-phase Super Alloy Power
Acclaimed DIGI+ VRM with 10-phase Super Alloy Power technology Delivers precise Digital Power and Enhance Durability for stable overlocking.

Gigantic 2GB GDDR5 Memory

On-board memory for the best gaming experience & the best solution.

1201 MHz Boost Clock
1201 MHz Boost clock for better performance and outstanding gaming experience.

NVIDIA GeForce
Powered by GeForce GTX 680

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.

NVIDIA SLI
Supports multi-GPU technology for extreme performance ode.

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 Full DirectX 11 Support.

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

Specifications:

Graphics Engine	NVIDIA GeForce GTX 680
Bus Standard	PCI Express 3.0
Video Memory	GDDR5 2GB
Engine Clock	GPU Boost Clock : 1201 MHz
	GPU Base Clock : 1137 MHz
CUDA Core	1536
Memory Clock	6008 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
	1 x Extended SLI cable
Software	ASUS Utilities & Driver

ASUS Features	DirectCU Series
	TOP Series
	Super Alloy Power
Dimensions	11.8 " x 5.1 " x 2.3 " Inch
Note	*To have the best cooling performance, ASUS GTX680-DC2T-2GD5 extends the fansink to 2.5 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/GTX680-DC2T-2GD5-Asus-nVidia-GeForce-GTX680-DIRECTCU-II-TOP-Graphics-Card-p-64421.php

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