ComX Computers
Product Specification Sheet

SC-G680So

Gigabyte GV-N680So-2GD Super Overclock series Graphics Card

Product Overview

Gigabyte GV-N680So-2GD Super Overclock series Graphics Card, WindForce5x with 9x 6mm copper heatpipes, 3 slots heatsink, vapor chamber, 5x side blower fans, 8 phase digital power, with OC GURU II, Ultra Durable+ (with 5x NEC Proadlizer, Low RDS(on) MOSFET, Low Power Loss - Ferrite Core Choke All-Solid Capacitor), gold plated HDMi connector, geforce GTX680, 28nm, 3-way SLi support, Pci-E 3.0 16x, support Adaptive Vertical Sync, 4xLCD, FXAA/TXAA, 2Gb/2048mb 256bit DDR5, RoPs:32, 192.4Gb/sec memory transfer, 1536 cuda cores (pixel shader engine, vertex pipelines), core clock:1137/1202mhz, memory:6200mhz, 2x dvi, 1x HDMi, 1x DP.





Specifications

Features:

Super Overclock Series
Serious gamers require serious gear. That's why we've developed the Super Overclock Series. All of the GPUs in these graphics cards have been cherry-picked for top performance, efficiency and reliability. Our innovative GPU Gauntlet Sorting selection process ensures that only the highest-performing GPU processors are used in these graphics cards. Coupled with our Ultra Durable VGA boards, users can rest assured that the Super Overclock Series graphics cards won't let them down as they step onto the digital battleground.

Ultra Durable VGA+
Gigabyte Ultra Durable VGA+ deliver 1.6X purer power than traditional power design and more stable performance. Proadlizer added; 2 oz Copper PCB; Tier 1 Samsung and Hynix Memory; Japenese Solid Capacity; Ferrite Core and Metal Chokes; Low RDS MOSFET.

OC GURU II
Brand-new instinctive user interface, easier to monitoring and adjusting all important settings. Users can set up MONITORING, GPU CLOCK, MEMORY CLOCK, FAN, GPU VOLTAGE, Memory VOLTAGE, OSD, ONLINE SUPPORT and update driver, BIOS directly.

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 NVIDIA PhysX-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 680
PCB Form	ATX
Core Clock	Base clock: 1137 MHz
	Boost clock: 1202 MHz
Shader Clock	N/A
Memory Clock	6200 MHz
Process Technology	28 nm
Memory Size	2048MB
Memory Bus	256 bit
Card Bus	PCI-E 3.0
Memory Type	GDDR5
DirectX	11
OpenGL	4.2

I/O	Dual-link DVI-I*1
	DVI-D*1
	DisplayPort*1
	HDMI*1
Digital max resolution	2560 x 1600
Analog max resolution	2048 x 1536
Multi-view	4
Card size	H= 64mm, L=303 mm, W=148 mm
Power requirement	650 W

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/SC-G680So-Gigabyte-GV-N680So-2GD-Super-Overclock-series-Graphics-Card-p-63207.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-12 23:40:23.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.