ComX Computers
Product Specification Sheet

GTX 1080 GAMING X

MSI GTX1080 Gaming X 8GB GDDR5 256Bit Graphics Card

Product Overview

MSI GTX1080 Gaming X 8GB GDDR5 256Bit Graphics Card



Specifications

Features:

THE ULTIMATE PC GAMING PLATFORM
GeForce GTX graphics cards are the most advanced ever created. Discover unprecedented performance, power efficiency, and next-generation gaming experiences.

THE ULTIMATE GRAPHICS FOR VIRTUAL REALITY
NVIDIA's unique set of features ensure you get the right level of performance, image quality, and latency to ensure your VR experience is nothing short of amazing.

A BETTER GAMING EXPERIENCE
The easiest way to update your drivers, optimize your games, and share your victories

STUTTER, TEAR-FREE GAMEPLAY
Synchronizes the display refresh to your GeForce GTX GPU for the fast, smooth gaming

Teamwork for greater strength
Just like in games, the exclusive MSI TORX 2.0 Fan technology uses the power of teamwork to allow the TWIN FROZR VI to achieve new levels of cool. TORX 2.0 Fan design generates 22% more air pressure for supremely silent performance in the heat of battle.

Double Ball Bearings
Double Ball Bearings give the unique MSI TORX 2.0 Fans a strong and lasting core for years of smooth gaming. They also remain virtually silent while spinning under load, keeping your graphics card cool during intense and lengthy gaming sessions.

Zero Frozr-Stay undetected
First introduced in 2008 by MSI, ZeroFrozr technology has made its mark and is now the industry standard among graphics cards. It eliminates fan noise by stopping the fans in low-load situations. This means you can focus on gaming without the noise of spinning fans.

Catch the Vibe with Cool LED Effects
Each LED can be controlled individually by choosing any of the animation effects availiable in the MSI Gaming App, ranging from responding to your game sounds or music to steady light, breathing and flashing. Of course, you can also turn them off.

HEATSINK
Lurking under the cover of the GAMING graphics card is an engineering masterpiece designed to keep the graphics card cool. Every tiny detail of the intricate heatsink plays an essential part in providing a cool & quiet gaming experience.

Airflow Control Technology
Using advanced aerodynamics, Airflow Control Technology directs more air directly onto the TWIN FROZR VI heat pipes. The special deflectors on the heat sink enlarge the surface area, which means lower temperatures and better gaming.

Smooth Heat Pipes
Up to 8mm thick copper heat pipes with a smooth squared shape at the bottom maximize heat transfer from the surface of the copper base plate.

Solid Baseplate
To temper the heat generated by a powerful GPU, MSI GAMING series graphics cards use a solid nickel-plated copper base plate. The base plate catches the heat from the GPU and transfers it to the heat pipes for dissipation so you can keep cool.

Premium Thermal Compound
Every detail counts when it comes to creating the ultimate thermal design, which is why TWIN FROZR VI uses a premium thermal compound to make sure it outlives the competition.

Enhanced PWM design
A 10-Phase PWM design with High Quality Military Class components ensures extreme reliability and superb overclockablity and enhanced efficiency.

Backplate
A powerful graphics card needs a strong build to harness its performance. MSI GAMING X graphics cards are fitted with a solid metal back plate to make it extra tough. The matte black finish completes the TWIN FROZR VI design to perfection.

Multi GPU
Gaming enthusiasts are always looking for more performance to get the ultimate experience. Using multiple graphics cards in SLI or Crossfire is a great way to find out just how good it gets. MSI GAMING graphics cards fully support multi GPU technologies.

The Future of Gaming
The smoothest, fastest and most exciting gaming experience ever by eliminating screen tearing, display shutter and input lag. Ultra-high resolution (UHD) delivers 4x the resolution of 1080p content, enabling much sharper and crisper images with delicate details during gaming.

PREPARE FOR VR with MSI
To experience and enjoy the impressive world of Virtual Reality, high-performance hardware is required. MSI, world leading brand in high-end gaming and eSports, provides the right advice to make sure your system is VR Ready. Integrating the very best of cutting edge technologies in recommended MSI VR gaming hardware for smooth performance. Together with our VR partners, MSI brings gamers an extremely realistic VR experience where games come alive.

One Click to VR
To get the best VR experience, you need your PC to deliver maximum performance. The MSI Gaming App gets your PC primed for VR use in just a single click by setting all key components to high performance settings and making sure other software applications do not impact your VR adventure.

Gaming App
The MSI Gaming App allows for one-click performance profiles that unlock extra performance for gaming or keep your card silent during light use. It also features the EyeRest tab, giving you easy access to image quality improving technology. The LED control tab gives you full control over your MSI GAMING LED lights to set the mood.

OC Mode
Maximum Performance through higher clock speeds and increased fan performance

Gaming Mode
The best balance between in-game performance and silence

Silent Mode
The best environment for minimal fan noise

ON-SCREEN SPEED & TEMPERATURES
Real-time monitoring of GPU Core, DRAM Frequency, GPU & CPU Temperatures and much more, in game or in other fullscreen applications, customizable to your preference.

Mobile Gaming APP
The exclusive MSI Gaming App is now also available for Android so you can control your graphics card from your phone without having to switch to Windows.

A DIFFERENT VIEW ON GAMING
MSI Dragon Eye allows you to watch a YouTube video or Twitch Stream while playing a game simultaneously. Simply add a link or stream to the Dragon Eye application and select the size, position, volume and transparency and start gaming. With a few hotkeys you can start/pause your video or set the volume.

WANT TO SHOW OFF YOUR SKILLS OR JUST MAKE A FUN GAMING VIDEO FOR YOUR FRIENDS?
XSplit Gamecaster & Broadcaster V2 lets you easily record your gaming moments and broadcast your live gameplay sessions to Twitch, YouTube, UStream and more. It's simple, easy to use and ideal for sharing your gameplay with friends, family or the world - Or for capturing those perfect gaming moments, just for the heck of it. So what are you waiting for? Join the revolution and start streaming and recording with XSplit Gamecaster today.

WTFast
WTFast is the Gamers Private Network ; like a global automated army of IT specialists all working together to optimize your game connection from end to end. WTFast reports rich connection stats for your online game, so you can see exactly what is happening with your game connection.

Afterburner
MSI Afterburner is the world's most recognized and widely used graphics card overclocking utility which gives you full control of your graphics cards. It also provides an incredibly detailed overview of your hardware and comes with some additional features such as customizing fan profiles, benchmarking and video recording.

Specifications:

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Specifications	
Product Code	GTX 1080 GAMING X
Graphics Processing Unit	NVIDIA GeForce GTX 1080

Interface	PCI Express x16 3.0
Boost / Base Core Clock	1847 MHz / 1708 MHz (OC Mode)
	1822 MHz / 1683 MHz (Gaming Mode)
	1733 MHz / 1607 MHz (Silent Mode)
Memory Size (MB)	8192
Memory Type	GDDR5X
Memory Interface	256-bit
Memory Clock Speed (MHz)	10108 (OC Mode)
Output	DisplayPort x 3 (Version 1.4) / HDMI (Version 2.0) / DL-DVI-D
Virtual Reality Ready	Y
Digital Maximum Resolution	7680 x 4320
Maximum Displays	4
HDCP Support	2.2
DirectX Version Support	12
OpenGL Version Support	4.5
Multi-GPU Technology	SLI, 2-Way
Card Dimension(mm)	279 x 140 x 42 mm
Card Weight (g)	1100
Power consumption (W)	180
Recommended PSU (W)	500
Power Connectors	6-pin x 1, 8-pin x 1

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/GTX-1080-GAMING-X-MSI-GTX1080-Gaming-X-8GB-GDDR5-256Bit-Graphics-Card-p-147938.php

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