ComX Computers
Product Specification Sheet

SC-M2080DO

MSI nVidia GeForce RTX 2080 DUKE 8G OC 8GB GDDR6 256-bit Graphics Card

Product Overview

MSI nVidia GeForce RTX 2080 DUKE 8G OC 8GB GDDR6 256-bit Graphics Card



Specifications

Features:

NVIDIA Turing™ Architecture
This revolutionary architecture, combined with our all-new GeForce® RTX platform, fuses together real-time ray tracing, artificial intelligence, and programmable shading. You've never created and enjoyed games like this before.

Real-Time Ray Tracing In Games
Ray tracing is the definitive solution for lifelike lighting, reflections, and shadows, offering a level of realism far beyond what's possible using traditional rendering techniques. NVIDIA Turing™ is the first GPU capable of real-time ray tracing.

PERFORMANCE
GeForce® RTX gaming GPUs come loaded with next-generation GDDR6 memory, support for DirectX 12 features, and more. This is graphics reinvented.

DUKE SERIES
The new MSI DUKE Series feature a blend of silver and black elements, in sharply defined shapes and angles. The aesthetics perfectly match with today's popular build themes.

WE'VE GOT YOUR BACK
The premium sturdy backplate helps to strengthen the graphics card and complement the design to look better.

Blazing Performance
Customize and set up your own color scheme from millions of colors and predefined effects with the MSI Mystic Light utility.

DUKE THERMAL DESIGN
Using three of the award-winning TORX Fans 2.0 with Double Ball Bearings, DUKE provides excellent air cooling.

TORX FAN 2.0
Using three of the award-winning TORX Fans 2.0 with double ball bearings, MSI DUKE graphics cards provide years of

top-notch cooling performance.

Dispersion Fan Blade
has a steeper curved blade which accelerates the airflow, increasing its effectiveness.

Traditional Fan Blade
pushes down a steady airflow to the massive heatsink below.

Double Ball Bearings
Double Ball Bearings give the unique MSI TORX Fans 2.0 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.

Mastery of Aerodynamics
Using groundbreaking aerodynamic techniques, the heatsink is optimized for efficient heat dissipation. Keeping your temperatures low and performance high.

SMOOTH HEAT PIPES
Copper heat pipes with a smooth squared shape at the bottom maximize heat transfer from the surface of the cooper base plate.

SOLID BASEPLATE
To temper the heat generated by a powerful GPU, MSI DUKE series graphics cards use a solid nickel-plated copper base plate. The base plate catches the heat from the GPU and transfer 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 DUKE Thermal Design uses a premium thermal compound to make sure it outlives the competition.

ULTIMATE GAMING
MSI Graphics Cards are compatible with all the latest game-enhancing technologies and ready to take on the highest resolutions. Experience games running smoothly in their full glory with incredible detail.

MULTI GPU
Using multiple graphics cards in NVIDIA® NVLink™ is a great way to find out just how good it gets. MSI DUKE graphics cards support multi GPU technologies.

The Future of Gaming
The smoothest, fastest and most exciting gaming experience ever by eliminating screen tearing, display stutter and input lag.

UHD
Ultra-high resolution (UHD) delivers 4x the resolution of 1080p content, enabling much sharper and crisper images with delicate details during gaming.

HDR
High Dynamic Range (HDR) enhances your gaming world with higher contrast and brighter colors than you've ever seen before.

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.

EXPERIENCE
Get the most out of your MSI graphics card in terms of performance and experience almost unlimited customization options with the included software.

Mystic Light Software
With the latest version of Mystic Light Software, controlling all your RGB-lit components is easy. The software detects all compatible products from both MSI and other brands and lists them for you to control individually or linked together.

MYSTIC LIGHT SYNC: SYNCHRONIZE YOUR LED EXPERIENCE
With the convenience of Mystic Light Sync, you can control RGB LED solutions from other brands, such as CPU coolers, keyboards and mice or RGB system fans.

Afterburner
MSI Afterburner is the world's most recognized and widely used graphics card Overclocking software. It gives you full control of your graphics card and enables you to monitor your system's key metrics in real-time. The latest version of Afterburner includes OC Scanner, which is a function that will automatically test the limits of your graphics card and apply the highest stable performance profile for you to enjoy.

Specifications:

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Specifications	
Product Code	SC-M2080DO
Model Name	GeForce RTX 2080 DUKE 8G OC
Graphics Processing Unit	NVIDIA GeForce RTX 2080
Interface	PCI Express x16 3.0
Core Name	TU104-400A
Cores	2944 Units
Core Clocks	Boost: 1845 MHz
	Base: 1515 MHz
Memory Clock Speed	7000 MHz
Memory	8GB GDDR6
Memory Bus	256-bit
Output	DisplayPort x 3 (v1.4) / HDMI 2.0b x 1 / USB Type-C x1
HDCP Support	2.2
Power consumption	245 W
Power connectors	8-pin x 1, 6-pin x 1
Recommended PSU	650 W
Card Dimension(mm)	314 x 120 x 46 mm
Weight (Card / Package)	1082 g / 1882 g
DirectX Version Support	12 API

OpenGL Version Support	4.5
Multi-GPU Technology	NVIDIA NVLink (SLI-Ready), 2-way
Maximum Displays	4
VR Ready	Y
G-SYNC technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680 x 4320
Accessories	Graphics Card Support Bracket 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/SC-M2080DO-MSI-nVidia-GeForce-RTX-2080-DUKE-8G-OC-8GB-GDDR6-256-bit-Graphics-Card-p-209428.php

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