

RTX 5050 8G VENTUS 2X OC

MSI NVIDIA GeForce RTX 5050 8G VENTUS 2X OC 8GB GDDR6 128-bit Graphics Card

Product Overview

MSI NVIDIA GeForce RTX 5050 8G VENTUS 2X OC 8GB GDDR6 128-bit Graphics Card. GPU Model: NVIDIA GeForce RTX 5050; Architecture: Blackwell; CUDA Cores: 2560; Base Clock: 2602 MHz; Boost Clock: 2617 MHz; Memory: 8GB GDDR6; Memory Speed: 20 Gbps; Memory Bus: 128-bit; Interface: PCIe Gen 5.0 x16 (x8 mode); Display Outputs: 3 x DisplayPort 2.1b, 1 x HDMI 2.1b; Maximum Resolution: 7680 x 4320 (8K); Power Consumption: 130W; Power Connector: 1 x 8-pin PCIe; Recommended PSU: 550W; Card Dimensions: 197 x 120 x 41 mm; Weight: 491g





Specifications

Overview Summary

The MSI GeForce RTX 5050 8G VENTUS 2X OC is a high-performance graphics card designed for gamers and content creators seeking reliable performance at an accessible price point. Powered by NVIDIA's Blackwell architecture, it offers real-time ray tracing and AI-enhanced graphics, making it ideal for modern gaming and creative applications.

Performance tier:Mid-range

Uses:1080p and 1440p gaming, content creation, video editing, 3D rendering, AI-based applications

Description

The MSI GeForce RTX 5050 8G VENTUS 2X OC is engineered to deliver a balanced mix of performance and value. Its dual-fan cooling system ensures efficient heat dissipation, maintaining optimal temperatures during extended gaming sessions. The card's compact design fits comfortably in most mid-sized PC cases, making it a versatile choice for various builds. With support for PCIe Gen 5.0, it is future-proofed for upcoming hardware advancements.

Whether you're exploring expansive open-world games, editing high-resolution videos, or engaging in AI-driven tasks, the RTX 5050 8G VENTUS 2X OC provides the necessary power to handle demanding applications with ease. Its 8GB GDDR6 memory and 2560 CUDA cores enable smooth multitasking and accelerated processing, ensuring a responsive and immersive experience.

Features

- Powered by the NVIDIA Blackwell architecture and DLSS 4
- Core Clocks:
 - Extreme Performance: 2617 MHz (MSI Center)
 - Boost: 2602 MHz
- TORX Fan 5.0: Fan blades linked by ring arcs work to stabilize and maintain high-pressure airflow.
- Heat Pipe designed for efficient heat transfer, the heat pipe effectively draw thermal energy away from the GPU, improving overall cooling performance.
- Reinforcing Backplate: The reinforcing backplate features an airflow vent that allows exhaust air to directly pass through.
- MSI Center: The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.
- Afterburner software takes full control with the most recognized and widely used graphics card overclocking software in the world.

ComX Computers

Product Specification Sheet

TAKE THE ESSENTIALS

VENTUS focuses on the essentials to tackle any challenge. Its efficient thermal solution is encased in a resilient enclosure with a neutral aesthetic, allowing this sleek graphics card to integrate seamlessly into any build.

Fifth-Gen Tensor Cores

Max AI performance with FP4 and DLSS 4

New Streaming Multiprocessors

Optimized for neural shaders

Fourth-Gen Ray Tracing Cores

Built for Mega Geometry

Cutting-Edge GPUs

NVIDIA Blackwell Architecture

AI-Enhanced Graphics and Performance

NVIDIA DLSS 4 with Multi Frame Generation

Game-Winning Responsiveness

NVIDIA Reflex low-latency technology

True-to-Life Graphics

Ray tracing with neural rendering

Digital Humans and AI Assistants

NVIDIA ACE

Accelerate Your Creativity

NVIDIA Studio creator tools and technology

Enhance Any Video with AI

NVIDIA Broadcast and ninth-gen NVIDIA Encoder

Performance and Reliability

NVIDIA app with Game Ready and Studio Drivers

Game-Changing Realism

The NVIDIA Blackwell architecture unlocks the game-changing realism of full ray tracing. Experience cinematic quality visuals at unprecedented speed powered by GeForce RTX 50 Series with fourth-gen RT Cores and breakthrough neural rendering technologies accelerated with fifth-gen Tensor Cores.

Compete at Warp Speed

Reflex technologies optimize the graphics pipeline for ultimate responsiveness, providing faster target acquisition, quicker reaction times, and improved aim precision in competitive games. Reflex 2 introduces Frame Warp, which further reduces latency based on the game's latest mouse input.

NVIDIA Powers the World's AI. And Yours.

Upgrade to advanced AI with NVIDIA GeForce RTX™ GPUs and accelerate your gaming, creating, productivity, and development. Thanks to built-in AI processors, you get world-leading AI technology powering your Windows PC.

Your Creative AI-dvantage

ComX Computers

Product Specification Sheet

NVIDIA Studio is your creative advantage. GeForce RTX 50 Series GPUs unlock transformative performance in video editing, 3D rendering, and graphic design. Experience RTX accelerations in top creative apps, world-class NVIDIA Studio drivers engineered and continually updated to provide maximum stability, and a suite of exclusive tools that harness the power of RTX for AI-assisted creative workflows.

The Ultimate in Ray Tracing and AI

RTX is the most advanced platform for full ray tracing and neural rendering technologies that are revolutionizing the ways we play and create. Over 700 games and applications use RTX to deliver realistic graphics and incredibly fast performance with cutting-edge AI features like DLSS Multi Frame Generation.

Supreme Speed. Superior Visuals. Powered by AI.

DLSS is a revolutionary suite of neural rendering technologies that uses AI to boost FPS, reduce latency, and improve image quality. The latest breakthrough, DLSS 4, brings new Multi Frame Generation and enhanced Ray Reconstruction and Super Resolution, powered by GeForce RTXTM 50 Series GPUs and fifth- generation Tensor Cores. DLSS on GeForce RTX is the best way to play, backed by an NVIDIA AI supercomputer in the cloud constantly improving your PC's gaming capabilities.

DUAL-FAN THERMAL DESIGN

Two fans on a large heatsink ensure great cooling performance with a quieter experience.

HARDENING EVERY DETAIL

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DrMos ENHANCED EFFICIENCY

DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.

EFFECTIVE THERMAL PADDING

High-quality clay-based thermal pads offer additional heat dissipation for critical board components.

FUSE STRENGTHENED DEFENSES

Additional fuses built into the custom PCB provide additional safeguards against electrical damage.

BRINGING IT ALL TOGETHER

MSI's exclusive MSI Center software empowers you to maximize your MSI products. Monitor, tweak, and optimize in real-time with just a few clicks. One of its standout features, AI Tuning, intelligently adjusts your system to meet AI-oriented requirements.

PRECISION CONTROLS, UNLIMITED POWER

MSI Afterburner is the world's leading graphics card overclocking software, offering complete control and real-time system monitoring. It's free and compatible with most graphics cards.

SEAMLESS GAMING EXPERIENCE

Developed under an exclusive partnership with BlueStacks, the MSI APP Player provides a seamless gaming experience between mobile gaming and the PC.

What's in the Box

- MSI GeForce RTX 5050 8G VENTUS 2X OC Graphics Card
- Quick Start Guide
- Driver and Software Installation CD
- Warranty Registration Card

Specifications

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Specifications	
Product Code	RTX 5050 8G VENTUS 2X OC
Marketing Name	GeForce RTX 5050 8G VENTUS 2X OC
Model Name	G5050-8V2C
Graphics Processing Unit	NVIDIA GeForce RTX 5050
Interface	PCI Express Gen 5 x16 (uses x8)
Core Clocks	Extreme Performance: 2617 MHz (MSI Center)
	Boost: 2602 MHz
CUDA CORES	2560 Units
Memory Speed	20 Gbps
Memory	8GB GDDR6
Memory Bus	128-bit
Output	DisplayPort x 3 (v2.1b)
	HDMI x 1 (As specified in HDMI 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
HDCP Support	Y
Power consumption	130 W
Power connectors	8-pin x1
Recommended PSU	550 W
Card Dimension (mm)	197 x 120 x 41 mm
Weight (Card / Package)	491 g / 827 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC technology	Y
Digital Maximum Resolution	7680 x 4320

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/RTX-5050-8G-VENTUS-2X-OC-MSI-NVIDIA-GeForce-RTX-5050-Buy-p-328947.php>

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