# GeForce RTX™ 3050 VENTUS 2X 8G OC

**NVIDIA GEFORCE RTX** — Powering Advanced AI

## SPECIFICATIONS

| | |
|---|---|
| **Cores** | 2560 Units |
| **Memory** | 8GB GDDR6 |
| **Graphics Engine** | NVIDIA® GeForce RTX™ 3050 |
| **Interface** | PCI Express® Gen 4.0 x8 |
| **Memory Interface** | 128-bit |
| **Core Clock Speed(MHz)** | Boost: 1807 MHz |
| **Memory Clock Speed(MHz)** | 14 Gbps |
| **Maximum Displays** | 4 |
| **G-SYNC™ technology** | Y |
| **Adaptive Vertical Sync** | Y |
| **Output** | DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI™ 2.1) |
| **HDCP Support** | Y |
| **Power consumption (W)** | 130W |
| **Digital Maximum Resolution** | 7680 x 4320 |
| **Recommended Power Supply (W)** | 550 W |
| **Power Connectors** | 8-pin x 1 |
| **DirectX Version Support** | 12 API |
| **OpenGL Version Support** | 4.6 |
| **Card Dimension(mm)** | 235 x 124 x 42 mm |

## CONNECTIONS
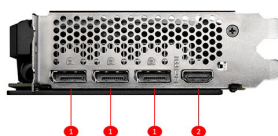
1. DisplayPort
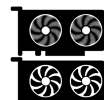2. HDMI™

## FEATURES

**Dual Fan**
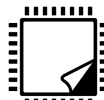Two fans and a huge heatsink ensure a cool and quiet experience for you.

**TORX FAN 3.0**
The award-winning MSI TORX Fan 3.0 design creates high static pressure and pushes the limits of thermal performance.

**Zero Frozr**
The fans completely stop when temperatures are relatively low, eliminating all noise.

**Thermal Padding**
An abundance of thermal pads use any chance for additional heat transfer directly from the components.

**Custom PCB**
The custom PCB has been engineered with hardened circuits and optimized trace routing for performance and reliability.

**MSI Center**
The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.

**Afterburner**
Take full control with the most recognized and widely used graphics card overclocking software in the world.

*Generated 2024-12-04, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.*