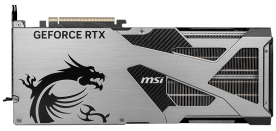
GRAPHICS CARDS

GeForce RTX™ 5060 Ti 16G VANGUARD SOC



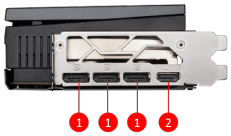




SPECIFICATIONS

Marketing Name	GeForce RTX™ 5060 Ti 16G VANGUARD SOC
Model Name	G506T-16VGS
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5060 Ti
Interface	PCI Express® Gen 5 x16 (uses x8)
Core Clocks	Extreme Performance: 2707 MHz (MSI Center) Boost: 2692 MHz
CUDA® CORES	4608 Units
Memory Speed	28 Gbps
Memory	16GB GDDR7
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	180W
Power connectors	16-pin x 1
Recommended PSU	600 W
Card Dimension (mm)	337 x 140 x 61 mm
Weight (Card / Package)	1278 g / 2059 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES

TRI FROZR 4

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.

STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.

Nickel-plated Copper Baseplate

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.

Core Pipes

Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

Metal Backplate

A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.

Wave Curved 4.0

Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.

Air Antegrade Fin 2.0

The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.

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 2025-04-16, 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.

© 2025 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.© 2025 NVIDIA, the NVIDIA logo, GeForce, SHIELD, and NVIDIA G-SYNC are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.