



VECTOR GP SERIES



VECTOR GP66 BORN FOR PERFORMANCE

A New Start with 12th Gen



Up to 12th Gen Intel® Core™ i9 Processor | Up to NVIDIA® GeForce RTX™ 3080 Laptop GPU 8GB GDDR6 | Windows 11 Home |

VECTOR GP66 12UH / 12UGS / 12UE Datasheet



VECTOR GP66

Overview

- Up to latest 12th Gen Intel® Core™ i9-12900H Processor
- Windows 11 Home
- NVIDIA® GeForce RTX™ 3080 Laptop GPU 8GB GDDR6 (12UH)
- NVIDIA® GeForce RTX™ 3070 Ti Laptop GPU 8GB GDDR6 (12UGS)
- NVIDIA® GeForce RTX™ 3060 Laptop GPU 6GB GDDR6 (12UE)
- 15.6" QHD (2560x1440), 165 Hz Refresh Rate, 100% DCI-P3(Typical), IPS-Level panel (Optional)
- 15.6" Full HD (1920x1080), 240 Hz Refresh Rate, IPS-Level panel (Optional)
- Per-Key RGB gaming keyboard by SteelSeries
- Per-Key RGB Backlight customization with SteelSeries GG
- Exclusive Cooler Boost 5 cooling with dedicated 2 fans 6 copper heat pipes
- Intel® Killer™ Wi-Fi 6E AX1675 + Bluetooth v5.2 for redefined gaming experience
- MSI Center provides exclusive Gaming Mode, brand new SmartAuto, and Ambient Silent AI for best user experience
- Virtual crosshair helps you aim and shoot better
- MSI App Player with new console mode for seamless gaming experience between mobile and PC
- Easy GPU Overclocking with MSI Center
- MSI exclusive GPU switch provides options that could change between full GPU performance for gaming or Optimus for battery life
- Hi-Res Audio ready
- Nahimic 3 Audio Technology delivering 360° immersive audio experience
- Matrix Display supports 4K output up to 3 external monitors



VECTOR GP66

New Features

Performance



Visuals



IPS Level Panel



Matrix Display



AI Alloy Chassis



Thin Bezel

Streaming



Control



MSI Center



MSI App Player





VECTOR GP66

- Dimension & I/O -

15.6"

358mm

267mm

5mm

Bold & Strengthen Design
with iconic Dragon Symbol

Stylish rear design:
Aggressive vent holes with
Dragon Fins

23.4 mm

Mini-DisplayPort

DC-in

RJ45

HDMI

2x USB 3.2 Gen1 Type-A

USB 3.2 Gen1 Type-A

Audio Combo Jack

USB 3.2 Gen2 Type-C / DP



VECTOR GP66

- Specification -

Model Name	Vector GP66 12UH / 12UGS / 12UE
Processor	Up to latest 12th Gen Intel® Core™ i9-12900H Processor
Operating System	Windows 11 Home
Chipset	Integrated SoC
Memory	DDR4-3200, 2 slots, up to 64GB
Display	15.6" QHD (2560x1440), 165 Hz Refresh Rate, 100% DCI-P3(Typical), IPS-Level panel (Optional) 15.6" Full HD (1920x1080), 240 Hz Refresh Rate, IPS-Level panel (Optional)
Graphics	NVIDIA® NVIDIA® NVIDIA®
Storage Slots	2 x NVMe M.2 SSD by PCIe Gen4 x4
Keyboard	Per-Key RGB gaming keyboard by SteelSeries
Audio	2 x 2W Stereo Speakers 1 x Audio combo jack Nahimic 3 Audio Enhancer Hi-Res Audio ready
USB Ports	1 x USB 3.2 Gen2 Type-C / DP 3 x USB 3.2 Gen1 Type-A
Video Output	1 x USB 3.2 Gen2 Type-C / DP, 1 x Mini DisplayPort 1 x HDMI (8K@60Hz / 4K@120Hz)
Communication	Gigabit Ethernet (up to 2.5GbE) Intel® Killer™ Wi-Fi 6E AX1675, Bluetooth v5.2
Webcam	HD type (30fps@720p)
Battery	4-Cell, Li-Polymer, 65Whr
Power Adapter	280W (12UH / 12UGS) 240W
Dimension	358 (W) x 267 (D) x 23.4 (H) mm
Weight	2.38 Kg