



**MY WAY MY TRACK** 



**GE63 Raider**

**GE63VR Raider**

GEARED WITH LATEST  
7<sup>th</sup> GEN. INTEL® CORE™ i7 PROCESSOR &  
GEFORCE® GTX 10 SERIES GRAPHICS

TRUE GAMING



**GE63 Raider**  
**GE63VR Raider**

## New Features



### PER-KEY RGB GAMING KEYBOARD BY STEELSERIES

World's first Per-Key RGB laptop with gaming keyboard by SteelSeries. Shining is just the new must. Through Per-Key illumination of the keyboard, you may receive real time game stats like ammo levels, health levels, tool durability, and take immediate actions, gaining full control of gameplays. Every hardware detail of this keyboard is also calculated and especially designed for professional gamers' needs. The keyboard has ergonomically-designed keys with 1.9mm of key travel for better responsive and tactile feedback, optimum WASD zone and support of anti-ghosting capability for up to 45 keys. Mechanical-level Shielding solution makes the gaming notebook keyboard the most solid ever. All these gaming features are all designed for gamers to gain full command over gaming missions.



### 5 TIMES BIGGER THAN OTHERS LOUDER SOUND, MORE RESONANCE, AND HIGHER QUALITY

End-users can feel every engine sound waves roaring past with upgraded giant speakers and world-class Dynaudio sound system. Exclusive audio module design and independent resonance space for top-notch auditory sensation. Oversize 2 speakers + 2 woofers creating a realistic, fulfilling sound and immersive effects. It allows gamers to step into an incredible sound feast with highest satisfaction!



(Optional)

### WIN BY A MILLISECOND FASTER- WORLD'S FIRST 120HZ 3MS GAMING

As the only gaming laptop with 120Hz refresh rate and 3ms response time panel, GE63 is the go-to companion you can count on to never lose a detail during chaotic gameplays. The level of realism is drawn from the panel's ability to produce up to 120 picture frames per second, topped with 94% NTSC Color Gamut calibration to bring you the most vibrant visuals for your ultimate entertainment pleasures.

\*This feature may vary by SKU and country.



GE63 *Raider*  
GE63VR *Raider*

## New Features

### Cooler Boost 5

#### Cooler Boost 5 - REVOLUTIONARY COOLING MODULE FOR ENTHUSIASTIC GAMING

The latest MSI Cooler Boost 5 excels as a dual thermal modules, adopting dual Whirlwind Blade fans with 7 heat pipes and well-endowed 4 airflows in the revolutionary cooling module. It ends up intensively and efficiently driving exhaust heat out of the system, raising the cooling technology to the highest level of its kind. Especially design for GTX 1070 level graphics with greater performance and lower temperature.



#### Don't embarrass yourself looking for an USB port

MSI exclusive technology helps you find the USB port instantly, especially in the dark.

\*Only available on 7RF/7RE

### Super RAID 4

#### SUPER RAID 4 STORAGE LOAD GAMES IN SECONDS DDR4-2400 MEMORY SUPPORT LATEST ARCHITECTURE

Get in the game before everyone else with Super RAID 4, MSI's fastest RAID 0 storage configuration. Combining dual M.2 PCI-E Gen 3.0 x4 SSD's utilizing NVMe technology, harness the full performance potential of the Gen 3.0 SSD through the optimization of the hardware and software outputting extreme read speeds over 3300MB/s. Load game works in seconds!

\*This specification may vary by model.



#### ESS Sabre HiFi Audio DAC – 16x Higher Headset Audio Detail than CD

Push the limits of your audio peripherals and hear the difference with the SABRE Audio DAC. It supports 24bit/192KHz sampling rate and drives high quality headset from 16ohm to 600ohm which gives up to highest sound detail, up to 122dB DNR unmatched by PC, Mac or mobile devices DAC. Discover new details that you've been missing or maintain the upper-hand in competitive FPS matches where every bit of sound counts.

\*Available only on certain models of GE73/63 and GS series

## Features

### **steelseries** **ENGINE3**

#### **STEELSERIES ENGINE 3 (SSE3) – TARGET, POSITION, AIM AND FIRE**

During gameplay, SteelSeries Engines 3 serves as your firearm. With SSE3, you get to suit up your weapon with cool look by lightening it up with multiple backlit colors, transform your keyboard into a high technology firearm by setting up several keys into one key command and cloud syncing all SteelSeries gears together.

SteelSeries GameSense talks directly to your game and shall grant you the capability in playing games more intuitively. Through backlit colors and LED brightness of the keyboard, users may receive real time game stats like ammo levels, health levels, tool durability, and take immediate actions to respond to these changes, gaining full control during gameplays.

\* Please kindly upgrade your SteelSeries Engine 3 software to version 3.4.0 or later and download the Technic Launcher .

\* SteelSeries GameSense is only available on multi-color backlighting keyboard.



#### **True Color 2.0 Technology**

MSI has partnered with Portrait Displays, Inc. in developing a level of accuracy for display technology that sets a new standard, the MSI True Color 2.0 Technology. MSI True Color 2.0 Technology guarantees that each panel in a MSI notebook comes with the finest precision in color. After examination and an extensive factory calibration process by MSI True Color 2.0 Technology, the panel quality will be more accurate, close to 100% sRGB. Hence, each color is delivered with the highest standard precision in detail, guaranteeing excellent color fidelity for many application uses.



### **Matrix Display**

#### **MULTI-TASK WITH UP TO 3 MONITORS**

Expand the vision for extreme gaming experience. MSI innovative Matrix Display supports up to 2 external displays simultaneously through 1x HDMI port\* and 1x Mini DisplayPort 1.2. Multi-task is made possible even during competitive gameplays. Connect the laptop to HDTV display, Matrix Display supports 4K output with a resolution up to 3840 x 2160. MSI Matrix Display technology creates an ideal environment for extreme gaming experience and pleasant multimedia entertainment.

\* HDMI 4K@30Hz



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## Features

Nahimic 2+

### NAHIMIC 2+ THE 3D SOUND EXPERT IN GAMING

Live the most incredible and immersive 3D sound experience with Nahimic, highly acclaimed by gaming communities across the world. It offers high definition sound technology that boosts the audio and voice performance of your gaming computer. Get lost in the immersive 7.1 virtual surround sound over your standard audio equipment! Nahimic recreates all of the depth and spatiality of sound on a classic stereo system like your headsets or your external/internal PC speakers. With 2017 Nahimic 2+ release brings even more customizations like the audio profile creation or more fine tuning options for the Sound Tracker, and that for only one goal: being the ultimate weapon for the gamers.



### SILVER LINING PRINT

Dreamed of a keyboard with intense lighting? Experience the SteelSeries silver-lining printing keyboard with intense red, that is also built to last



### 7th GENERATION INTEL® CORE™ i7 PROCESSORS

With the innovative Cooler Boost 5 cooling solution and MSI's exclusive gaming features catered for gamers, the Intel Core i7-7700HQ releases its full performance completely on MSI gaming laptops.



### NVIDIA'S LATEST GEFORCE® GPU IS READY TO AMAZE YOU ON MSI GAMING NOTEBOOKS

MSI is the world's 1st gaming notebook to have this latest NVIDIA next gen. GPU solution onboard. Performance of NVIDIA's next generation GeForce® GTX 1070(7RF) / 1060(7RE) GPU is improved more than 40% than GeForce® GTX 900M Series. For GeForce® GTX 1050 Ti(7RD), It's improved more than 15% than GTX 965M graphics. And GeForce® GTX 1050(7RC) improved more than 30% than GTX 960M.

TRUE GAMING

## Features

### **XSPLIT GAMECASTER VERSION 2.9 – STREAMING YOUR GAMING TALENTS TO THE WORLD**



MSI offers 1 year premium license of XSplit Gamecaster for free. Gamers can now get super professional live streams going by blending into the background. Broadcast your gameplay videos live to Twitch, YouTube, UStream and etc. in just 3 steps. You may login easily with your social network accounts and edit gameplay videos directly on this app. It's simple, easy to use and ideal for sharing your gameplay with friends, family or the world - or for capturing those perfect gaming moments, just for the heck of it.



(Optional)

### **Killer DoubleShot Pro – Protecting Your Ping**

Stop losing games to lag with Killer DoubleShot Pro. Protect and prioritize networking traffic while preventing lag spikes so you can game without fear and play at your best. Select programs you want your network to prioritize to ensure maximum bandwidth and track your speeds with the easy-to-use Killer Networking Manager.

\*Only available on 7RE and 7RF.



### **Killer Shield – Smoother Gameplay**

One more protection for smoother uploads and download processes. Less pin rate floating reassures more fluent gameplays.

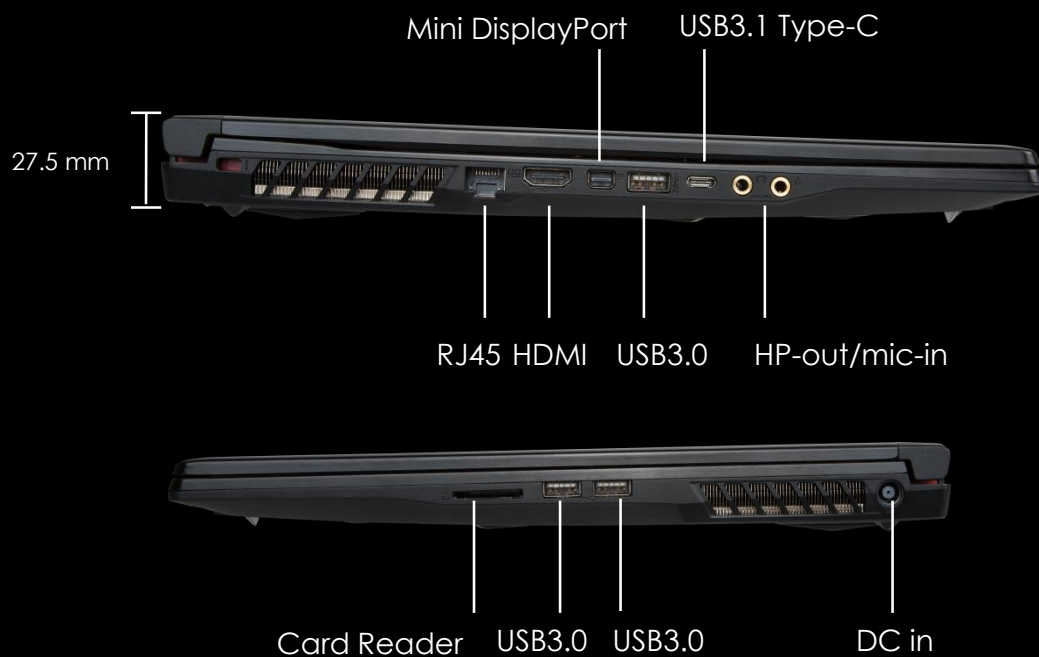




GE63 Raider

GE63VR Raider

- Dimension & I/O -





# msi®

## Specifications

Model Name	GE63VR Raider
Processor	Latest 7 <sup>th</sup> Gen. Intel® Core™ i7 processor
Operating System	Windows 10 Home Windows 10 Pro
Chipset	Intel® HM175
Memory	DDR4-2400, 2 slots, up to 32GB
Display	15.6" Full HD (1920x1080), 120 Hz Refresh Rate and 3ms response time panel (Optional) 15.6" UHD (3840x2160), IPS level panel (Optional)
Graphics	Latest GeForce® GTX 1070 8GB GDDR5 <b>(7RF)</b> Latest GeForce® GTX 1060 6GB GDDR5 <b>(7RE)</b> Latest GeForce® GTX 1050Ti 4GB GDDR5 <b>(7RD)</b> Latest GeForce® GTX 1050 4GB GDDR5 <b>(7RC)</b>
Storage	1 x 2.5" HDD + up to Super Raid 4 (2 x NVMe M.2 SSDs by PCIe Gen3 X4 in RAID0) (Optional)
Keyboard	Per-Key RGB gaming keyboard by SteelSeries/ Silver Lining Print
Audio	5X bigger Upgraded Giant Speakers / Nahimic 2+ Audio Enhance ESS SABRE HiFi DAC for lossless, high-quality audio
USB 3.1/3.0/2.0	1x USB 3.1 Type-C / 3 / 0
Card Reader	SD(XC/HC)
Video Output	HDMI (4K@ 60Hz)
Mic-in/Headphone out	1/1
LAN/WiFi	Killer DoubleShot Pro (Killer Gb LAN + Killer 802.11 a/c WiFi) <b>(7RE/7RF)</b> Killer E2500 Gigabit Ethernet with Killer Shield / 802.11ac <b>(7RC/7RD)</b>
Bluetooth	Bluetooth v4.1 <b>(7RE/7RF)</b> Bluetooth v4.2 <b>(7RC/7RD)</b>
Webcam	HD type (30fps@720p)
Battery	6-Cell
Power Adapter	230W/180W/150W/135W (for GTX 1070/1060/1050 Ti/1050)
Dimension	383 (W) x 265 (D) x 27.5 (H) mm
Weight	2.39Kg