



Series

Enthusiastic. Power. Tough.

# THE GAME JUST GOT REAL

**GE63 Raider RGB**

**Enthusiastic / Achievement-Seeking Gamers**

TRUE GAMING

## Overview

- Up to latest 8th Gen. Intel® Core™ i7 processor
- Windows 10 Home / Windows 10 Pro
- Latest GeForce® RTX 2080 8GB GDDR6 with desktop level performance
- Latest GeForce® RTX 2070 8GB GDDR6 with desktop level performance
- Latest GeForce® RTX 2060 6GB GDDR6 with desktop level performance
- 15.6" Full HD (1920x1080), 144 Hz Refresh Rate, IPS-Level panel
- Mystic Light customizable RGB lighting system
- MSI exclusive technology helps you find the USB port instantly, especially in the dark.
- Per-Key RGB gaming keyboard by Steelseries
- Per-Key RGB Backlight customization with SteelSeries Engine 3
- Killer DoubleShot Pro with Smart Teaming and Killer Shield
- Killer Command Center
- Eliminate Wi-Fi Dead-Zones with Killer xTend
- Exclusive Cooler Boost 5 cooling with dedicated 2 fans 8 copper heat pipes (for **GE63 Raider RGB 8SG**)
- Exclusive Cooler Boost 5 cooling with dedicated 2 fans 7 copper heat pipes (for **GE63 Raider RGB 8SF / GE63 Raider RGB 8SE**)
- Dragon Center 2.0 with exclusive Gaming Mode
- MSI App Player for seamless gaming experience between mobile and PC
- MSI exclusive technology helps you find the USB port instantly, especially in the dark.
- Easy Overclocking with MSI SHIFT Technology
- Exclusive ESS SABRE HiFi DAC for lossless, high-quality audio
- Nahimic 3 Audio Technology delivering 360° immersive audio experience
- 5X bigger Upgraded Giant Speakers and sound by Dynaudio
- True Color 2.0 Technology for increased color contrast and greater image detail
- Matrix Display supporting surround mode and 4K output up to 2 external monitors

## New Features

### Performance

**Cooler Boost 5****USB 3.1**  
TYPE-C**USB 3.1**  
TYPE-A

### Visuals

**144 Hz**TRUE COLOR  
TECHNOLOGY**MYSTIC  
LIGHT**

Matrix Display

### Audio

**Nahimic 3****Nahimic VR**Sound by  
**DYNAUDIO**

### Streaming



### Control

Gaming Keyboard by  
**steelseries ENGINE 3**SILVER-LINING  
PRINT**USB 3.0**  
TYPE-A



**GE63 Raider RGB**

- Dimension & I/O -

383mm

260 mm

15.6

2.6kg



Mystic Light



29.5 mm

Mini DisplayPort    USB 3.1 Gen2 Type-C



RJ45    HDMI    USB 3.1 Gen2    HP-out/mic-in



Card Reader

USB 3.1 Gen1    USB 3.1 Gen1

DC in



## GE63 Raider RGB Specification

|                             |                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Name</b>           | <b>GE63 Raider RGB 8SG / GE63 Raider RGB 8SF / GE63 Raider RGB 8SE</b>                                                                                |
| <b>Processor</b>            | Latest 8 <sup>th</sup> Gen. Intel® Core™ i7-8750H processor                                                                                           |
| <b>Operating System</b>     | Windows 10 Home<br>Windows 10 Pro                                                                                                                     |
| <b>Chipset</b>              | Intel® HM370                                                                                                                                          |
| <b>Memory</b>               | DDR4-2666, 2 slots, up to 64GB                                                                                                                        |
| <b>Display</b>              | 15.6" Full HD (1920x1080), 144 Hz Refresh Rate, IPS-Level panel                                                                                       |
| <b>Graphics</b>             | Latest GeForce® RTX 2080 8GB GDDR6 <b>(8SG)</b><br>Latest GeForce® RTX 2070 8GB GDDR6 <b>(8SF)</b><br>Latest GeForce® RTX 2060 6GB GDDR6 <b>(8SE)</b> |
| <b>Storage</b>              | 1 x 2.5" HDD +<br>1 x NVMe M.2 SSD by PCIe Gen3 +<br>1 x NVMe M.2 SSD by PCIe Gen3 / SATA-SSD Combo                                                   |
| <b>Keyboard</b>             | Per-Key RGB gaming keyboard by SteelSeries/ Silver Lining Print                                                                                       |
| <b>Audio</b>                | 5X bigger Upgraded Giant Speakers(2x 3W speakers, 2x 3W Woofer)<br>Nahimic 3 Audio Enhance<br>ESS SABRE HiFi DAC for lossless, high-quality audio     |
| <b>USB Ports</b>            | 1x USB 3.1 Gen2 Type-C / 1x USB 3.1 Gen2 Type-A / 2x USB 3.1 Gen1 Type-A                                                                              |
| <b>Card Reader</b>          | SD(XC/HC)                                                                                                                                             |
| <b>Video Output</b>         | 1x Mini DisplayPort 1.2 / 1x HDMI (4K@60Hz)                                                                                                           |
| <b>Mic-in/Headphone out</b> | 1/1                                                                                                                                                   |
| <b>LAN/Wi-Fi</b>            | Killer DoubleShot Pro with Killer Shield                                                                                                              |
| <b>Bluetooth</b>            | Bluetooth v5                                                                                                                                          |
| <b>Webcam</b>               | HD type (30fps@720p)                                                                                                                                  |
| <b>Battery</b>              | 6-Cell                                                                                                                                                |
| <b>Power Adapter</b>        | 280W (for RTX 2080 / RTX 2070) / 180W (for RTX 2060)                                                                                                  |
| <b>Dimension</b>            | 383 (W) x 260(D) x 29.5 (H) mm                                                                                                                        |
| <b>Weight</b>               | 2.6Kg                                                                                                                                                 |