



msi[®]

GE

Series

Enthusiastic Power. Tough.



GE66 Raider

POWERED BY 10TH GEN INTEL CORE PROCESSORS
AND GEFORCE RTX 20 SERIES GRAPHICS

GE66 RAIDER 10SGS / 10SFS / 10SF Datasheet

Enthusiastic / Achievement-Seeking Gamers

TRUE GAMING

Overview

- Up to latest 10th Gen. Intel® Core™ i9 processor.
- Windows 10 Home / Windows 10 Pro
- Latest GeForce® RTX 2080 Super Max-Q 8GB GDDR6 with desktop level performance.(10SGS)
- Latest GeForce® RTX 2070 Super 8GB GDDR6 with desktop level performance.(10SFS)
- Latest GeForce® RTX 2070 8GB GDDR6 with desktop level performance.(10SF)
- 15.6" Full HD (1920x1080), 240 Hz Refresh Rate, IPS-Level panel
- Thin bezel design.
- Per-Key RGB gaming keyboard by Steelseries.
- Per-Key RGB Backlight customization with SteelSeries Engine 3.
- Mystic Light customizable RGB lighting system.
- The 99.9Whr large battery capacity provides longer runtime.
- Killer DoubleShot Pro (Killer Ethernet E3100 + Killer Wi-Fi 6 AX1650) with Smart Teaming.
- Latest Killer Wi-Fi 6 (802.11ax) for redefined wireless gaming experience
- Killer Command Center.
- Eliminate Wi-Fi Dead-Zones with Killer xTend.
- Exclusive Cooler Boost 5 cooling with dedicated 2 fans 6 copper heat pipes .
- MSI Dragon Center with exclusive Gaming Mode 2.0.
- MSI App Player for seamless gaming experience between mobile and PC.
- High-Resolution Audio ready.
- Nahimic 3 Audio Technology delivering 360° immersive audio experience.
- The Duo Wave speaker design by Dynaudio system.
- True Color 2.0 Technology for increased color contrast and greater image detail.
- Matrix Display supporting surround mode and 4K output up to 3 external monitors.



6E66 *Raider*

New Features

Performance



Cooler Boost 5



PCI-E Gen.3
SSD

RAM DDR4

VR
READY

Visuals

240Hz



TRUE COLOR
TECHNOLOGY



Matrix Display



Thin Bezel

Audio

Nahimic 3

Nahimic VR

Sound by
DYNAUDIO



DUO WAVE
SPEAKER



Streaming



Control



steelseries
ENGINE 3



DRAGON
CENTER

Q W E
A S C
SILVER-LINING
PRINT

TRUE GAMING



GE66 Raider

- Dimension & I/O -

15.6



USB 3.2 Gen1 Type-A
Card reader

Mini-Display
USB 3.2 Gen2 Type-C
with DP1.4

DC in
HDMI 2.0

USB 3.2 Gen1 Type-A

Killer E3100 Gigabit Ethernet



USB 3.2 Gen2
Type-A
USB 3.2 Gen2X2
Type-C

MIC-in / Headphone-out (SPDIF out)

**GE66 Raider****- Specification -**

Model Name	GE66 Raider 10SGS / GE66 Raider 10SFS / GE66 Raider 10SF
Processor	Up to latest 10 th Gen. Intel® Core™ i9 processor
Operating System	Windows 10 Home Windows 10 Pro
Chipset	Intel® HM470
Memory	DDR4-2666, 2 slots, up to 64GB
Display	15.6" Full HD (1920x1080), 240 Hz Refresh Rate, IPS-Level thin bezel panel
Graphics	Latest GeForce® RTX 2080 SUPER Max-Q 8GB GDDR6 (10SGS) Latest GeForce® RTX 2070 SUPER 8GB GDDR6 (10SFS) Latest GeForce® RTX 2070 8GB GDDR6 (10SF)
Storage Slots	1 x NVMe M.2 SSD by PCIe Gen3 Slot + 1 x NVMe M.2 SSD by PCIe Gen3 / SATA-SSD Combo Slot
Keyboard	Per-Key RGB gaming keyboard by SteelSeries
Audio	The Duo Wave speaker design by Dynaudio system(2x 2W speakers) Nahimic 3 Audio Enhancer High-Resolution Audio ready
USB Ports	1 x Type-C USB3.2 Gen2 with DP1.4(@8K), 1 x Type-A USB3.2 Gen2, 2 x Type-A USB3.2 Gen1, 1 x Type-C USB3.2 Gen2x2
Card Reader	SD(XC/HC)
Video Output	1 x Type-C USB3.2 Gen2 with DP1.4 / 1x Mini DisplayPort 1.4 / 1x HDMI 2.0(4K@60Hz)
Hi-res Audio	Supports 24bit/192kHz sampling rate, up to 122dB DNR unmatched by PC, Mac or mobile devices DAC
Mic-in/Headphone out	1 x Audio combo
LAN/Wi-Fi	Killer E3100 Gigabit Ethernet with Killer Shied + Killer Wi-Fi 6 AX1650
Bluetooth	Bluetooth v5.1
Webcam	FHD type (30fps@1080p)
Battery	4-Cell
Power Adapter	280W (for 10SFS) / 230W (for 10SGS / 10SF)
Dimension	358 (W) x 267 (D) x 23.4 (H) mm
Weight	2.38Kg