

MSI 15.6"FHD 144Hz i7-9750H 16GB 512SSD+1TB RTX2070-8 W10



Code:
NOTMMGE639SF-606BE

Vendor code:
GE639SF-606BE

EAN code:
4719072633912

Intel Core i7-9750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics 630, NVIDIA GeForce RTX 2070 (8GB GDDR6), LAN, WLAN, Bluetooth, Webcam, Windows 10 Home 64-bit

NVIDIA GEFORCE RTX™ 20 SERIES GRAPHICS

NVIDIA GeForce RTX delivers the ultimate laptop gaming experience. These sleek, powerful gaming rigs are powered by the new NVIDIA Turing GPU architecture and the revolutionary RTX platform. RTX graphics bring together real-time ray tracing, artificial intelligence, and programmable shading.

THE FIRST-EVER OCTA-CORE MOBILE PROCESSOR

Enjoy boosted gameplay and faster rendering with up to 45% performance gain! Dominate all with more cores and higher clock speed.

LIGHT IT UP

The GE Raider RGB with cover and keyboard lighting, gives you the granular control over illumination. The two parts can be linked or controlled separately, creating virtually endless combinations in 16.8 million colors.

PER-KEY RGB GAMING KEYBOARD BY STEELSERIES

TAILOR YOUR KEYBOARD

Customize each key to your liking and receive real-time in-game status through keyboard lighting, or even watch the lights dance to your favorite tune!

144HZ IPS-LEVEL GAMING DISPLAY

UNPRECEDENTED SPEED AND CLARITY

The fastest gaming display brings you the most vibrant visuals so you never miss a beat.

MATRIX DISPLAY

MULTI-TASK WITH UP TO 3 MONITORS

Expand your vision across multiple display with HDMI and mini DisplayPort, and enjoy up to 4K (3840x2160) resolution output at 60Hz for some extra productivity and fun.

TRUE COLOR 2.0

THE NEXT-TO-PERFECT COLOR PRESENTATION

MSI True Color Technology, spawned a new height for the display technology. Each display undergoes thorough examinations and extensive factory-calibration process, guaranteeing exceptional color fidelity of close to 100% sRGB.

REVOLUTIONARY COOLING FOR ENTHUSIASTIC GAMING

Dedicated thermal solutions for both the CPU and GPU with a total of 8 heat pipes ensure maximum performance under extreme gaming.

GIANT SPEAKERS. BIGGER. LOUDER. CLEARER

Feel every engine sound wave roaring past with upgraded giant speakers and world-class Dynaudio sound system. The innovated design with 5x bigger chamber space generates top-notch auditory sensation. The oversize 2 speakers + 2 woofers creates a realistic, fulfilling sound, and immersion.

HIGH RESOLUTION AUDIO READY

HEAR EVERY DETAIL

Experience how sound is meant to be heard with the ESS Sabre Hi-Fi DAC (Digital-Analog-Converter). With the ability to support up to 24bit/192kHz sampling, it doesn't take an audiophile to tell the difference.

ALL NEW NAHIMIC 3 NEXT LEVEL AUDIO IMMERSION

Enhance in-game 3D surround sound and make finite control over your music, movies, and conference calls.

MSI APP PLAYER

Developed under an exclusive partnership with BlueStacks, the MSI APP Player brings seamless gaming experience between mobile games and PC platform, and leverages customized features as specific keyboard lighting and better graphics with multi-task works.

KILLER DOUBLESHOT PRO – PROTECTING YOUR PING

Stop losing games to lag with Killer DoubleShot Pro. Protect and prioritize networking traffic while preventing lag spikes to always game at your best. Gamers can easily manage bandwidth for each application with the user-friendly Killer Control Center.

ELIMINATE WI-FI DEAD-ZONES WITH KILLER XTEND

Automatically extends your network range and prioritize critical traffics above the rest.- Windows 10 Home 64-bit- Intel Core i7-9750H (12MB Cache, 2.6GHz)- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 2070 (8GB GDDR6)- 16GB (2666MHz) DDR4-SDRAM & 1000GB HDD, 512GB SSD

Accu/Batterij

Aantal cellen in de batterij	6
Accu/Batterij capaciteit (Watt uur)	51 Wh
Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)

Audio

Aantal ingebouwde luidsprekers	2
Ingebouwde microfoon	Ja
Ingebouwde subwoofer	Ja
Vermogen luidsprekers	3 W

Beeldscherm

3D	Nee
Beeldschermdiagonaal	39,6 cm (15.6")
Beeldverhouding	16:9
HD type	Full HD
LED backlight	Ja
Maximale refresh snelheid	144 Hz
Resolutie	1920 x 1080 Pixels
Touchscreen	Nee

Camera

Camera voorzijde	Ja
Signaalformaat camera voorkant	720p
Video capturing speed	30 fps
Voorcamera HD-type	HD

Design

Kleur van het product	Zwart
Markt positionering	Gamen
Producttype	Notebook
Vormfactor	Clamshell

Energie

AC-adapter, vermogen	280 W
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Geheugen

Geheugen form factor	SO-DIMM
Geheugenslots	2x SO-DIMM
Intern geheugen	16 GB
Intern geheugentype	DDR4-SDRAM
Kloksnelheid geheugen	2666 MHz
Maximum intern geheugen	64 GB

Gewicht en omvang

Breedte	383 mm
Diepte	260 mm
Gewicht	2,6 kg
Hoogte	29,5 mm

Grafisch

Aantal discrete grafische adapters geïnstalleerd	1
Aparte grafische adapter	Ja
CUDA	Ja
Discreet grafische adapter model	Intel® UHD Graphics 630
Discreet grafische adapter model	NVIDIA® GeForce RTX™ 2070
Grafische geheugen	8 GB
Ingebouwde grafische adapter	Ja
Specifiek grafisch geheugentype	GDDR6

Inhoud van de verpakking

Aantal voedingsadapters	1
Inclusief AC-adapter	Ja

Netwerk

3G	Nee
4G	Nee
Bluetooth	Ja
Bluetooth-versie	5.0
Ethernet LAN	Ja
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s
Soort antenne	2x2
Wi-Fi	Ja
Wi-Fi-standaarden	Wi-Fi 5 (802.11ac)

Wifi-standaard	Wi-Fi 5 (802.11ac)
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Opslagmedia

Aantal geïnstalleerde SSD's	1
Compatibele geheugenkaarten	SD,SDHC,SDXC
Geïntegreerde geheugenkaartlezer	Ja
HDD capaciteit	1000 GB
HDD interface	SATA
HDD rotatiesnelheid	7200 RPM
Het aantal geïnstalleerde HDD's	1
Opslagmedia	HDD+SSD
SSD capaciteit	512 GB
SSD-vormfactor	M.2
Totale capaciteit HDD's	1000 GB
Totale capaciteit SSD's	512 GB
Totale opslagcapaciteit	1512 GB

Optische drive

Soort optische drive	Nee
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Poorten & interfaces

Aantal Ethernet LAN (RJ-45)-poorten	1
Aantal HDMI-poorten	1
Aantal poorten USB 3.0 (3.1 Gen 1) Type A	2
Aantal poorten USB 3.1 (3.1 Gen 2) Type A	1
Aantal poorten USB 3.1 (3.1 Gen 2) Type C	1
Hoofdtelefoonuitgangen	1
Microfoon, line-in ingang	Ja
Mini DisplayPort kwantiteit	1

Processor

Aantal processorkernen	6
Chipset moederbord	Intel® HM370
Frequentie van processor	2,6 GHz
Maximale turbofrequentie van processor	4,5 GHz
Processor aantal threads	12
Processor cache	12 MB
Processor cache type	Smart Cache
Processorfamilie	9th gen Intel® Core™ i7
Processormodel	i7-9750H

Software

Architectuur besturingssysteem	64-bit
Inclusief besturingssysteem	Windows 10 Home

Toetsenbord

Aanwijsapparaat	Touchpad
Keyboard met achtergrondverlichting	Ja
Kleur achtergrondverlichting van toetsenbord	Diverse
Numeriek toetsenblok	Ja
Windows-toetsen	Ja