



GS76 STEALTH

SHARPER IN CORE BLACK

NB PM
May. 2021
Ver1.1





OVERVIEW

- 01 Target Audience & Product Design
- 02 Key Selling Points Highlight
- 03 Key Features
- 04 Brand New Software
- 05 Specification



01 | TA & Product Design

- Target Audience Hashtag
- Original Concept
- Perfect In Every Detail



Target Audience Hashtag



#hardcore
#truegamer
#lowkey



#blackluxury
#trendy
#hip&chic



#businessperson #whitecollar
#gamingsoul #gamingatnight



Original Concept: Sharper In Core Black

The GS76 Stealth looks plain and simple but comprised of abundant product design languages and details. The reinforced black metal chassis makes it more rigid perfect for daily use.



GS76 STEALTH

SHARPER IN CORE BLACK



Weight and Size That Move You

The lightest & most portable 17-inches gaming laptop

The screen size of the GS76 is one of its biggest strengths, but the most amazing thing is that it weighs just **around 2.45kg, which is taking ahead in the area of portability among all 17-inches gaming laptop.**

Meanwhile the new minimalist design comes only with 20.25mm that contains stylish and mobility to work or play at anywhere.





Perfection In Every Detail

Laser-engraved Dragon Symbol

Laser-engraved totem on the matte black cover to reflect the purified Dragon spirits





Perfection In Every Detail

Hinge Décor

Iron black with metal texture hinge décor stands out in the core black design.



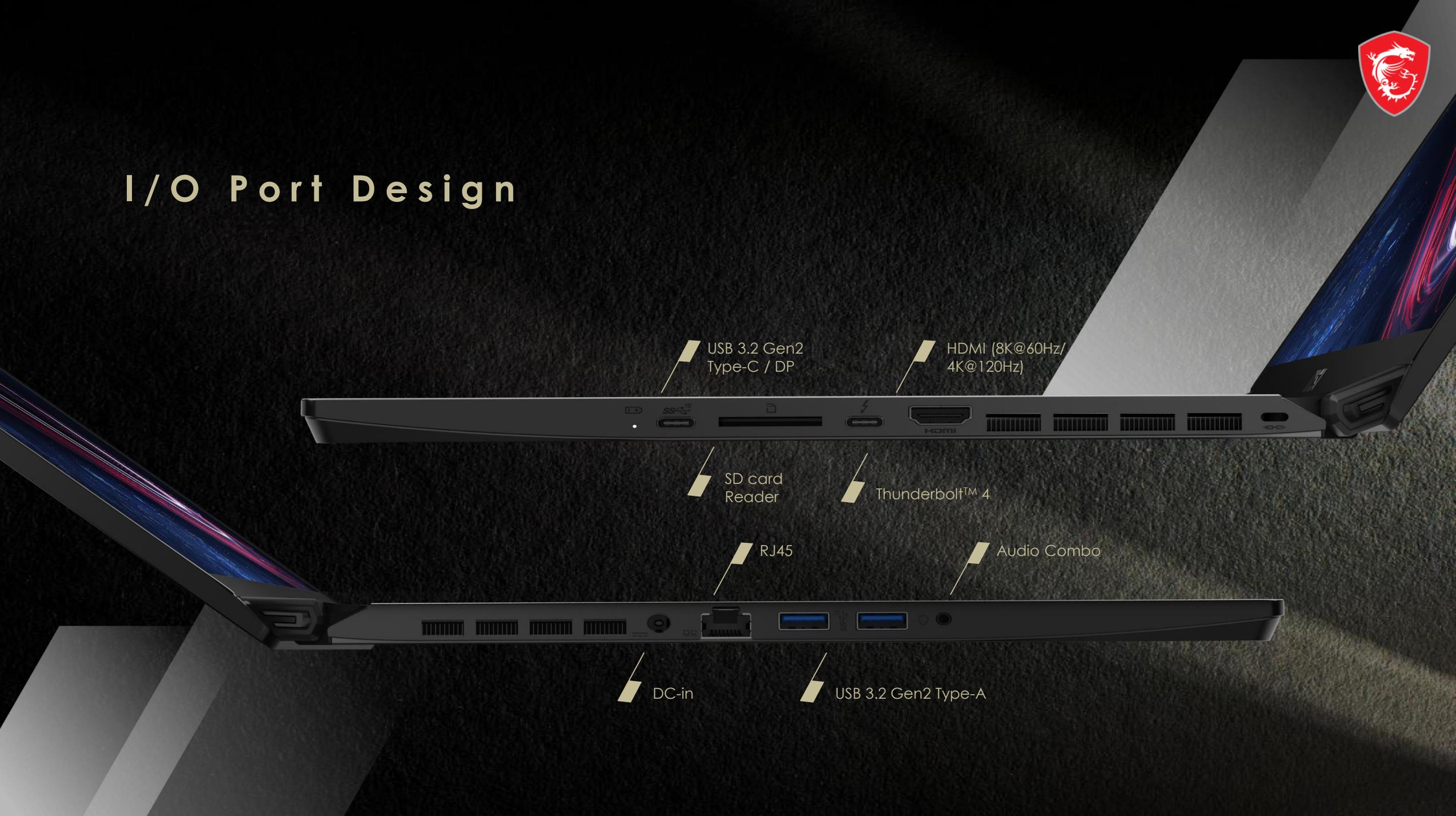
Perfection In Every Detail

Front-firing Speaker Grill

The enlarged front-firing speaker grid design provide both vision and auditory sensation.



I/O Port Design



USB 3.2 Gen2
Type-C / DP

HDMI (8K@60Hz/
4K@120Hz)

SD card
Reader

Thunderbolt™ 4

RJ45

Audio Combo

DC-in

USB 3.2 Gen2 Type-A



02

Key Selling Points
Highlight



KEY SELLING POINTS

01 Potent Performance to Game On

Play your games with the next leap gaming performance with up to **11th Gen Intel Core i9** processor and NVIDIA GeForce **RTX 3080** graphic card under MSI GS iconic **Cooler Boost Trinity+** cooling design with **OC settings** and **Discrete Graphic mode**.

02 High Speed Combination

Supports the latest **Thunderbolt™ 4**, **PCIe Gen4 SSD** and **Wi-Fi 6E**, the GS76 provides both high speed data transfer and fast charging for your mobile devices.

03 Weight & Size That Move You

The screen size of the GS76 is one of its biggest strengths, but the most amazing thing is that it weighs just around 2.45kg, which is taking ahead in the area of portability among all 17-inches gaming laptop.

04 Blast Through Your Eyes

The **QHD 240Hz** & **FHD 300Hz** displays give games the ultimate feast to enjoy the magnificent vision and blazing gaming speed.

05 Empower Your Mobile Life

Packed to the legal flight limit, the **99.9Whr** large battery capacity provides longer runtime. It also allows 100W fast PD charging to fueled the power on the road.





Performance

Takeaway

11th Gen 8-Core

Core i9

Intel CPU
with double L3 cache size &
Turbo Boost Max Technology 3.0

NVIDIA GeForce

RTX 3080

GPU
ultra-fast PCIe Gen 4x16 bandwidth
& Discrete Graphics Mode with GPU OC

Up to 64GB

DDR4-3200

Dual Channel Memory

Lightning Fast

Thunderbolt™ 4

with USB 4 Interface

Up to 2TB

PCIe Gen 4

Ultra-fast SSD

World's Leading

WiFi 6E

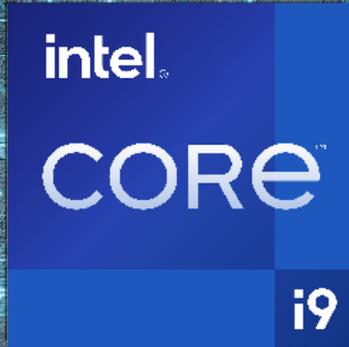
Wireless Networking



Potent Performance to Game On

GS76 equips the latest 11th Gen. Intel® Core™ i9 processor with the upmost computing power to bring you an unparalleled multitasking works and heavy games.

Features with the state-of-the-art Intel® Turbo Boost Max Technology 3.0 (ITBM 3.0), it enhances with a massive frequency boost on your fastest cores for more flexibility to get the best from your processor.



8

Cores

up to **30%**
performance up

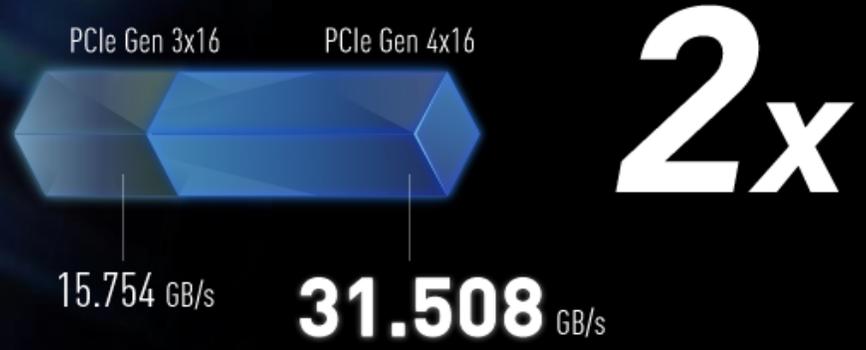
up to **2x**
L3 cache size

* Based on Preliminary Performance Projection, and are subject to change



Next-Gen PCIe Gen4 Lanes Accelerate System Components

11th Gen. Intel mobile platform offers next-gen PCIe Gen4 x16 bandwidth, maximizing performance for GeForce RTX 30 series graphics for gaming, calculation, and AI data processing.





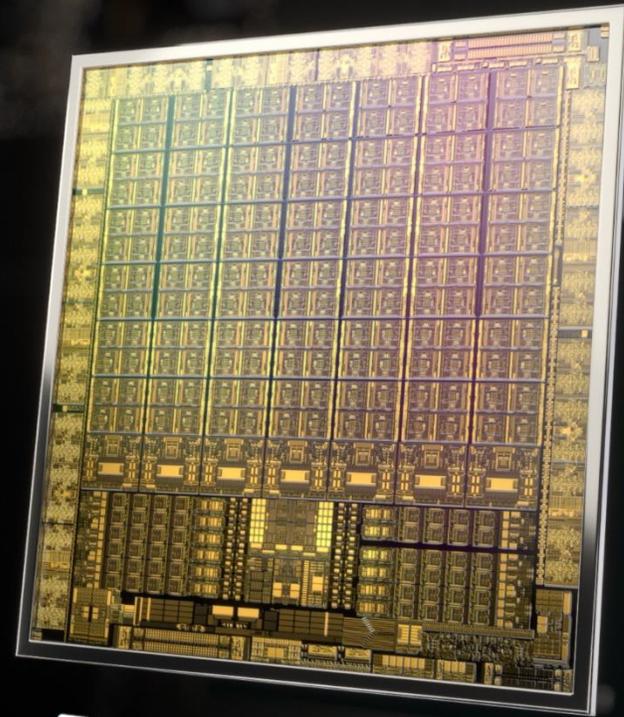
GEFORCE RTX 30 SERIES

THE ULTIMATE PLAY

GeForce RTX™ 30 Series powers the world's fastest laptops for gamers and creators. They're built with the award-winning Ampere —NVIDIA's 2nd gen RTX architecture - with new RT Cores, Tensor Cores, and streaming multiprocessors for the most realistic ray-traced graphics and cutting-edge AI features.



* Based on 3DMark Time Spy Graphics score.

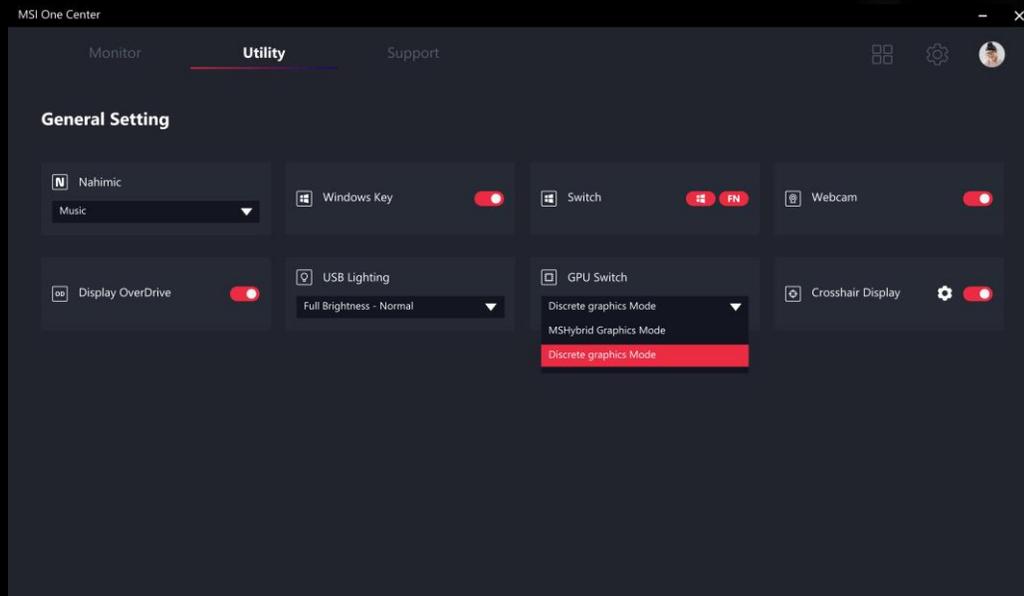


GEFORCE RTX

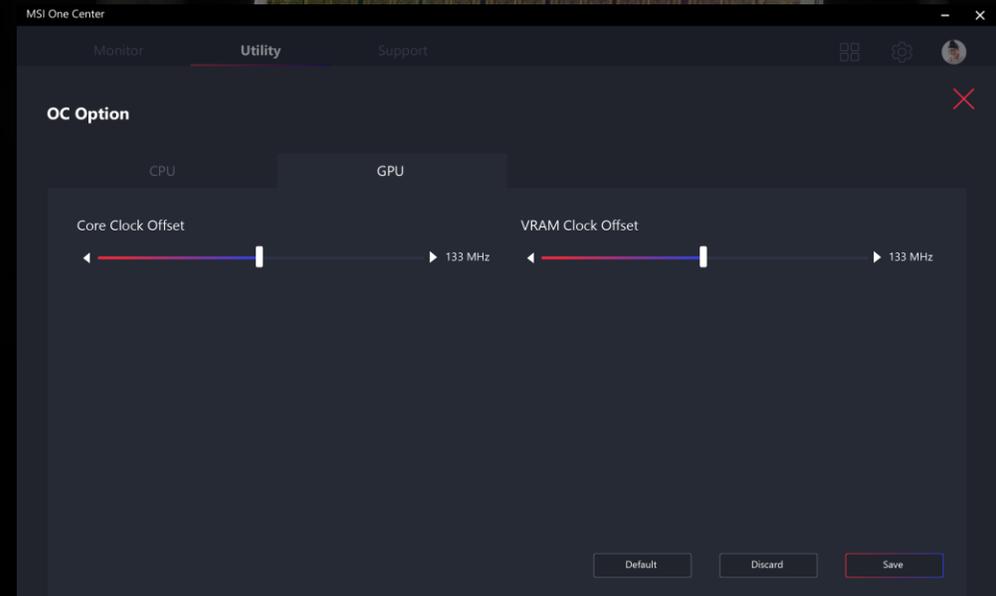
GEFORCE RTX 30 SERIES

THE ULTIMATE PLAY

MSI GS76 features switchable graphics technology for pursuing the most powerful gaming performance with dedicated “Discrete Graphics Mode” or the power efficient MSHybrid Graphics Mode (NVIDIA Optimus). Moreover, the graphics power can be further elevated through OC Option function in MSI Center.



DISCRETE GRAPHICS MODE



OC OPTION

GEFORCE RTX 30 SERIES

THE ULTIMATE PLAY

GeForce RTX™ 30 Series powers the world's fastest laptops for gamers and creators. They're built with the award-winning Ampere —NVIDIA's 2nd gen RTX architecture - with new RT Cores, Tensor Cores, and streaming multiprocessors for the most realistic ray-traced graphics and cutting-edge AI features.



FHD, Ultra Preset

RTX 3070 Laptop GPU

90 fps

RTX 2070 SUPER Laptop GPU

70 fps



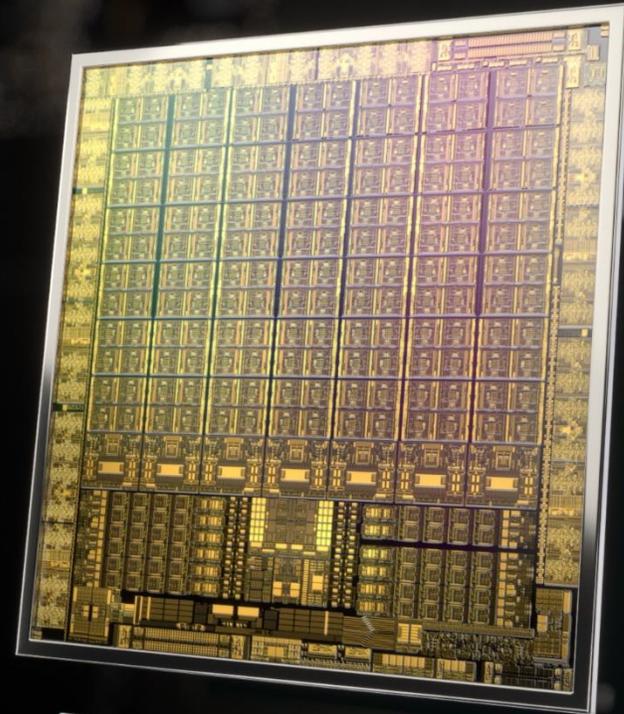
FHD, highest Preset

RTX 3070 Laptop GPU

90 fps

RTX 2070 SUPER Laptop GPU

83 fps



GEFORCE RTX

* The game fps tests are temporary result, will be updated later.



GEFORCE
RTX™

GEFORCE RTX™ 30 SERIES

The KEY MESSAGES TO KNOW

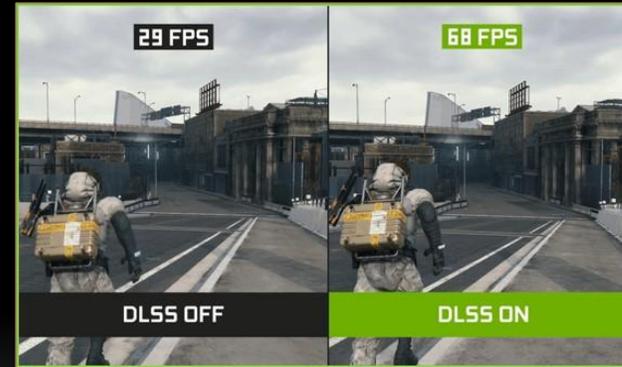


REAL-TIME RAY TRACING



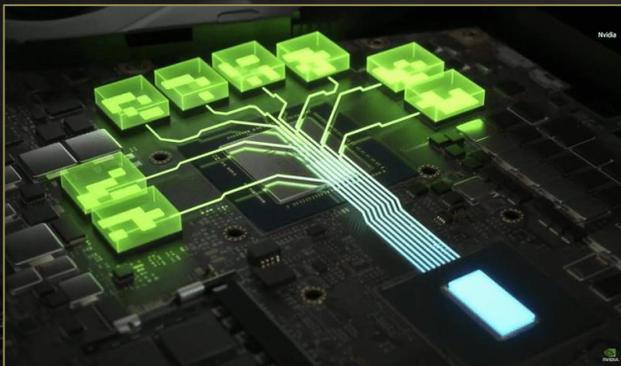
By adding Motion Blur technology to enjoy the real-time & cinematic rendering quality in game.

AI-ENHANCED – DLSS 2.0



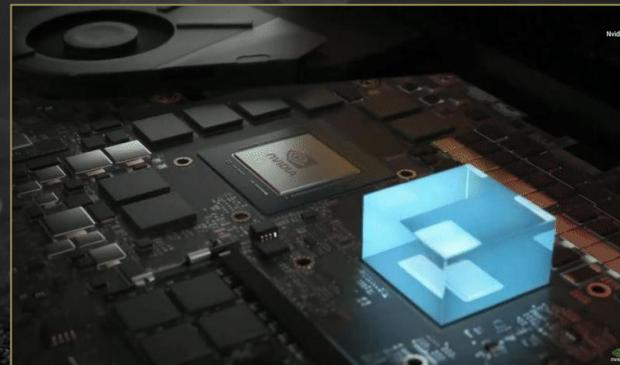
DLSS is groundbreaking AI rendering that boosts frame rates with uncompromised image quality.

PCIe RESIZABLE BAR TECHNOLOGY



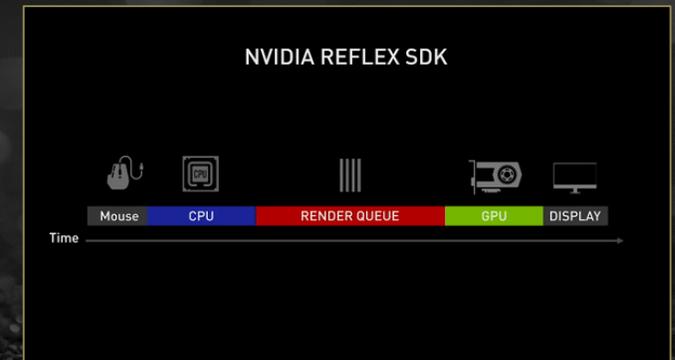
Allow CPU to have full access of the GPU Memory (VRAM), which will accelerate the performance.

DYNAMIC BOOST 2.0

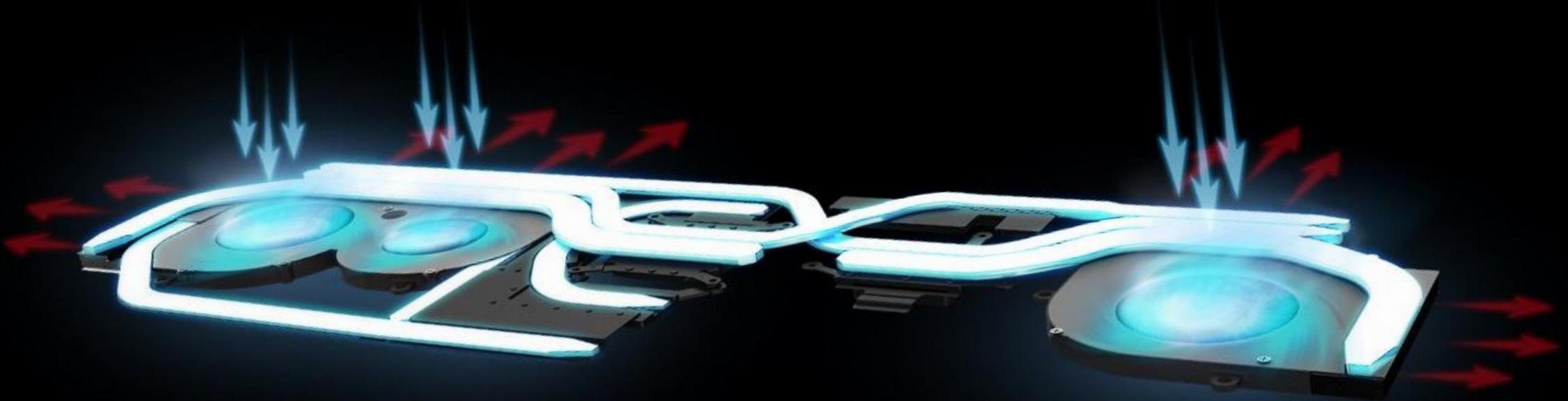


Intelligently balances the power between the GPU & CPU and runs out more efficiency.

NVIDIA REFLEX



By reducing system latency (click-to-display latency), it helps your display to respond faster in games.



Cooler Boost TRINITY+

MSI's exclusive Cooler Boost Technology ensures optimal thermal dissipation. With the world's thinnest 0.1 mm sharp-edged fan blade design, the new Cooler Boost Trinity+ enhances the fan airflow and provides the best gaming experience.

3 Fans

6 Heat Pipes

* The improvements are based on the preliminary estimation of the comparison with previous generation. The actual test results will be updated during MVT stage.



0.1mm Sharp-Edged Blades

World's thinnest fan blade design

Powerful performance needs an effective cooling system to exhaust the heat, and a thinner fan blade can meet this requirement.

Developed by MSI, the world's thinnest fan blade is measured up to **only 0.1mm**, which improves optimal airflow to achieve its cooling process.

Fan
Blade
0.1 mm

Fan
Blades
67

Airflow
+20%

Laser-etched
Fan Blade



High Speed Combo

GS76 features the state-of-the-art technology, like blazing-fast **PCIe Gen 4 and Thunderbolt™ 4 with USB4**, to efficiently boost the daily work and even **empower the maximum personnel output**.

4x

USB data throughput

2x

SSD bandwidth



Thunderbolt™ 4

USB4 40 Gbps

USB 3.2 5~10 Gbps



Gen 4 Over 7.88 GB/s +

Gen 3 Over 3.94 GB/s +

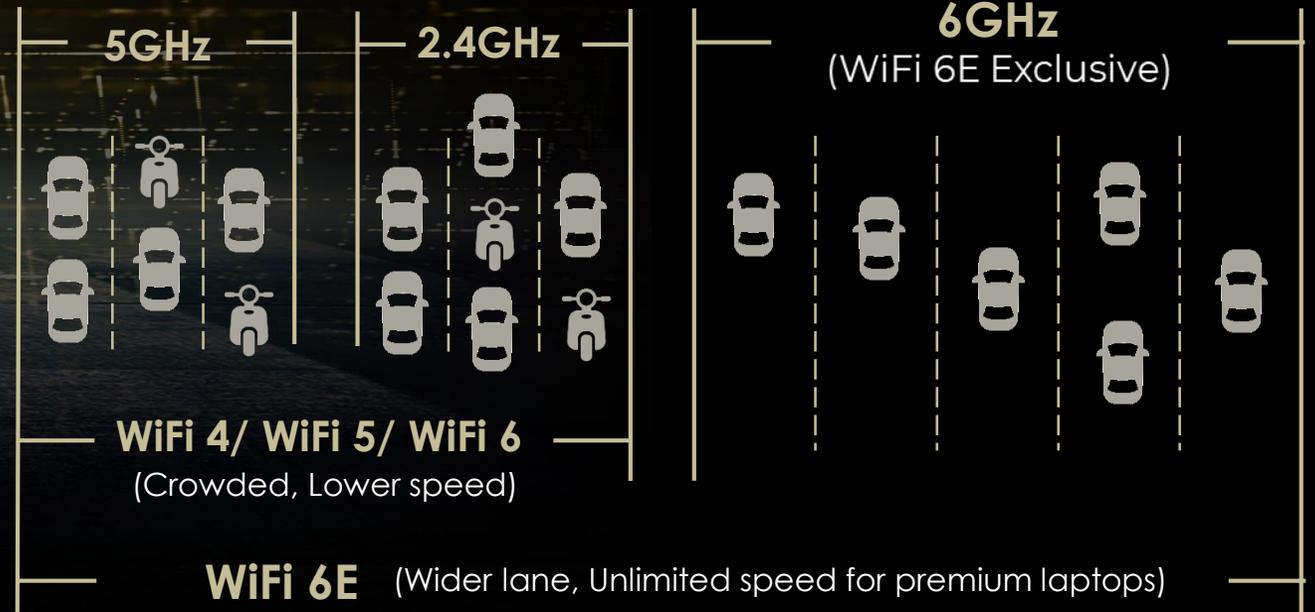




WiFi 6Expanded

Extraordinary Wireless Experience

The GS76 Stealth is now introducing new "Wi-Fi 6E" terminology to help identify products capable of taking advantage of the additional spectrum.





Blaze Through The Game

Refresh rate is the key for E-sports players' mindset. To liberate the most **precise and blazing speed**, GS76 Stealth comes with the **extremely smooth 300Hz IPS-level display**. Also supports **True Color** and best surround viewing mode with **1+3 Matrix Display**.



Unsurpassed Clarity

Compared with Full HD, it has four times the number of pixels, and reach the standard of 100% AdobeRGB range (typical). Enjoy the 4K gaming experience with abundant color gamut and more vivid colors and details!



FHD 1920x1080



4K 3840x2160



Generic



A Perfect Match with **Ultimate Vision**

Strikes a balance between 1080p and 4k

QHD 1440p display delivers 1.77 times pixel density than FHD to see more details and magnificent vision. The powerful RTX 30 graphics give sufficient performance backup to break high resolution game fps ceiling ever.

Also, It has an incredibly fast response time and a whopping 240Hz refresh rate to deliver a smooth and responsive gaming experience.

240Hz

refresh rate

1.77x

More pixel
vs. Full HD

100%

DCI-P3
color gamut



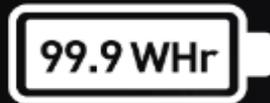
Armed with Power that Lasts

World's Highest-capacity Battery in Laptop

Packed to the legal flight limit, the 99.9Whr large battery capacity provides over 11hrs.



Productivity up to 11 hrs



Battery Capacity

*The battery life will vary from specifications and system configuration.



Resonant Audio with Magic Hearing The Impossible

A brand new top firing Dynaudio speaker design with Hi-Res certification, GS76 redefines what music is meant to be and how to be heard.

Sound by
DYNAUDIO

+5_{dB}
volume

+10%
bass

2x
opening ratio
than average



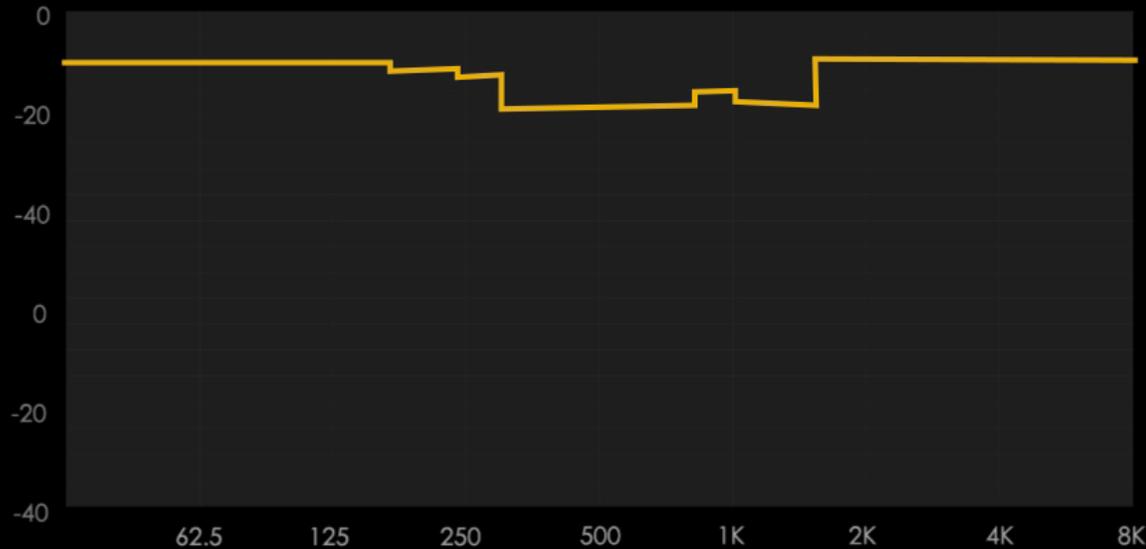
Speaker Tuning Engine

The Smartest Audio Fine-tune Engine

Speaker placement in laptop chassis is always restrained. MSI exclusive **acoustic algorithm** uses intelligent engine to **real-time remove audible distortions and vibrations** without degrading the timbre of a music. Make it possible for a laptop to create incredible auditory sensation.

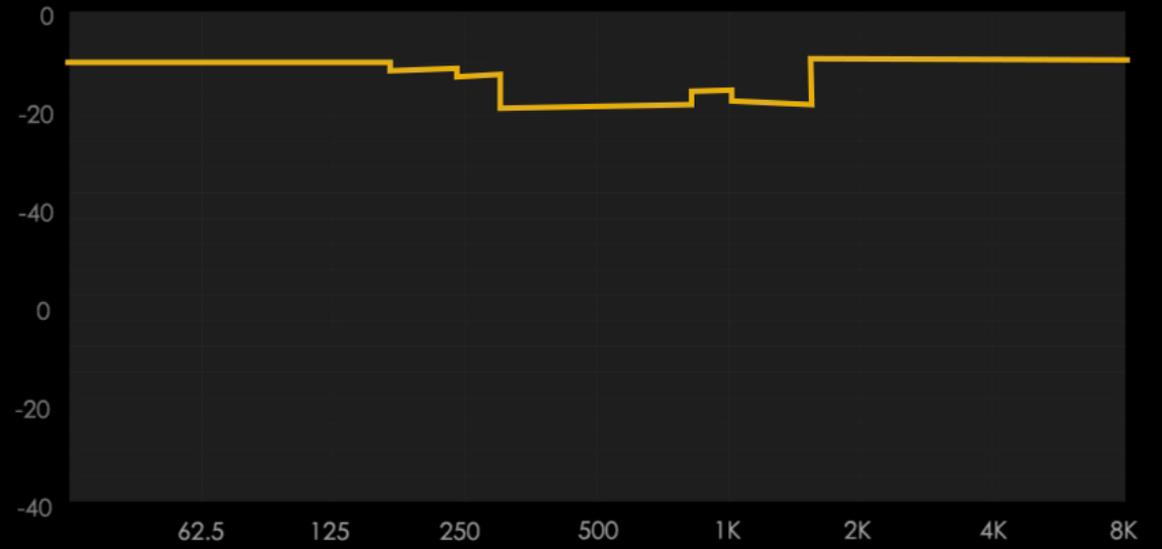
Degrading
Timbre & Volume

Acoustic Algorithm
AI Fine-tune



TRADITIONAL TUNING

*Please Click for the animation



ACOUSTIC ALGORITHM



Unparalleled Personalization

Brand New MSI Center



Coming up with a brand new UI design, a reconstructed edition of the 2021 MSI Center will combine all MSI's exclusive features together, which users may customize their own preference of choice.

WHAT'S NEW

Feature Set

Personalize your favorite app list, avoid unnecessary SW loading.

Smart Priority

Cooperate with Microsoft Azure to automatically set priority for apps based on AI learning.

Smart Image Finder

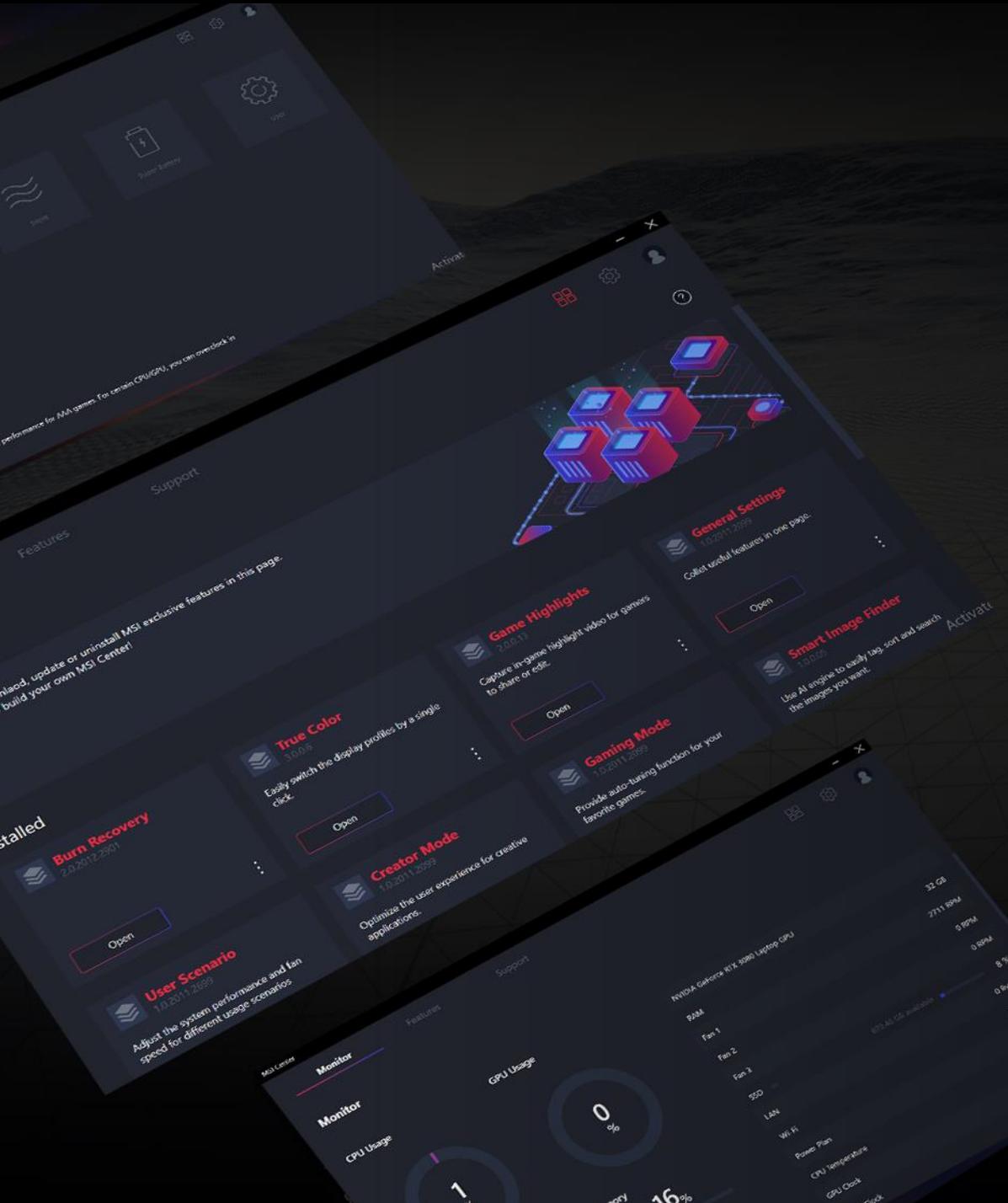
Systematically **categorize photos and smartly set tags** thru AI Image engine.

Duet Display (updated)

Add **Screen Extension** function with iOS devices to turn your iPad into a second display.

Noise Cancellation (updated)

Add **Whisper & Listening** optimized function, respectively amplify user's voice and auto-adjust the speaker volume all the time.





03 | Key Features





DDR4-3200 MEMORY

Power That Leads In The Latest Standard

Get the mighty performance out of your laptop with support of the latest DDR4-3200 memory. Enjoy the faster system speed and responsiveness, the new standard will take your gaming experience to the next level.



*Dual channel performance test by AIDA64. Performance may vary by system setting and configuration .
**Optional. Actual specification may vary by configurations.





TRUE COLOR
TECHNOLOGY

MSI exclusive **True Color Technology** provides different modes to best fit your various usages including: sRGB, Office, Movie, Anit-Blue light, and Gamer modes.



Matrix Display

Expand your vision across multiple display with **HDMI, Type-C and Thunderbolt™ 4**, or enjoy up to **8K resolution** output via Thunderbolt™ 4 / HDMI.



Power Delivery On The Road To Extend Your Working Hours

Supports secondary power charging, you can charge GS76 through USB-C Power delivery with no need to rush for a power outlet. If you are on tasks with light workflows, you may extend your working hours with a smaller 65W adaptor that enhances your mobility at going anywhere.

GS75 also supports 27W (9V/3A) fast charging for all of your mobile devices which uses a USB-C Type charging port.

Support up to

100W

PD (power delivering)
adapter/power bank*

Over **3x**

Faster Smartphone
charger**

- * When plug traditional AC and Type-C PD adapter at the same time, the system power will be delivered only by AC power. To ensure the minimum power and keep the system stable, the PD charging port only supports 65W watts and above devices (e.g. adapter , power bank) .
- ** The test results are preliminary estimation, actual test results will be updated during MVT stage.



Tailor Your Keyboard

Per-key RGB Gaming Keyboard By Steelseries

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!

Steelseries Engine 3 provides a collection of purpose-built applications for gamers to have the best lighting experience.

Per-key
customizable KB

1.9 mm
key travel

20 Millions
key-press lifetime

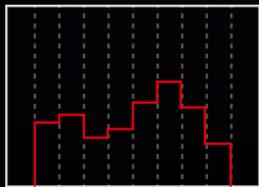
Gaming Keyboard by
steelseries
PER KEY RGB



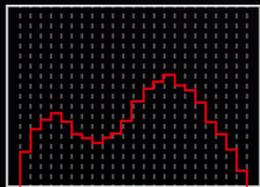
Nahimic
AUDIO THAT MATTERS

The Way Music Should Be

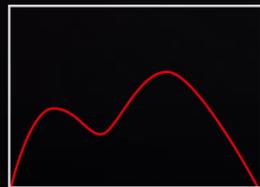
Immerse yourself in lossless music and enjoy the premium sound quality with **Hi-Resolution Audio**. Experience and listen to audio the way it was intended and share it with **Nahimic** in-game 3D surround & Sound Sharing via Bluetooth.



24KHz / 8bit
MP3 AUDIO



44KHz / 16bit
CD AUDIO



192KHz / 24bit
HI-RES AUDIO

 BASS	 CALIBRATION AUTO	 EXPERT SETTING	 FREQUENCY LEVELLER	 HD AUDIO RECORDER	 SMART LOUDNESS
 VOICE LEVELER	 SOUNDTRACKER	 TREBLE	 VIRTUAL SURROUND	 VOICE SHAPER	 SOUND SHARING



Nahimic Sounds Sharing + Much More Joyful To Share The Joy



With Sound Sharing you can **share the sound for your laptop** with others headphone or earbuds with **Bluetooth, USB or audio jack**.





Windows Hello

Secure Login with Face Unlock

Login without your hands

Experience 3 times faster facial recognition-based login. By just scanning through your face, you can enter with Windows Hello by using the Infrared Camera even if you have a cup of coffee and your phone on both hands.



IR Camera



2.5GbE Blazing Fast Speed

Featuring high-bandwidth and low-latency onboard **2.5G LAN** for competitive gamers and performance-hungry users, the Killer E3100 Ethernet provides **2.5x incredible data transfer speed faster** than ever before.

intel
KILLER
ETHERNET
E3100

2.5Gbps

2.5G Ethernet

1Gbps

1G Ethernet

2.5x

* Intel is Rivet Networks' chipset partner on the E3100. The E3100 fully supports 1 Gbps with the option for 2.5Gbps on select routers/switches. The E3100 is only available on select MSI systems. In order to learn which routers will support 2.5GbE speeds, please visit this [Intel Website](#).



Protect Your Ping

Stop losing games to lag with **Killer Gaming LAN**. 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**.

The screenshot displays the Killer Control Center interface with the following sections:

- Killer Status:** Shows a green checkmark and the status "No Killer Adapters Connected". A yellow circle with the number "2" indicates "Recommendations Available".
- Current Network Traffic:** Displays two gauges for "Downloads" and "Uploads", both showing "0 Mbps".
- Killer Optimizations:** Features a circular progress indicator showing a score of "261". A legend lists optimization levels: 69 - Priority 1 traffic detected an..., 50 - Download traffic detected a..., 50 - Download traffic has been d..., 43 - Video traffic detected and p..., 40 - Current network optimized fo..., and 9 - Other.
- Killer Prioritization Engine:** A table with columns for Priority and Category:

Priority	Category
1	GAMES
2	REAL TIME
3	STREAMING
4	NORMAL
5	WEB DOWNLOAD
6	APP DOWNLOAD
- WiFi Score by Access Point:** A table listing access points and their scores:

Name	Score
TSNOfficeWLAN	59
TSNOfficeWLAN	59
RSN2OfficeWLAN	
LabWLAN	
EmployeeHotspot	
Guest	
TnP-Athena-NGS1-120	
IDPDK-2087	
PO_LAB_07	11
- Quick Settings:** Includes toggles for "Prioritization Engine" (checked), "Auto Bandwidth", "GameFast", and "DoubleShot Pro". It also shows "0 GB Memory Freed" and "0 Services Stopped".



Overview

See your overall network usage and settings, including the diagnosis status, current traffic, app prioritized status, WiFi Score...etc.

Dual Prioritization Preset

Not only gaming, the new Killer Control Center gives the other prioritization preset for creative works.



04 | Brand New Software



Unparalleled Personalization

Brand new MSI Center keeps all the exclusive software functions in the pocket. Monitor, adjust and optimize and may useful features are built in one unified system.

New MSI Center gives users maximum flexibility in UI skin color (black/white) and functions. Users are allowed to customize their own personal app list. Avoid lots of unnecessary software and system loading to hit the spot.



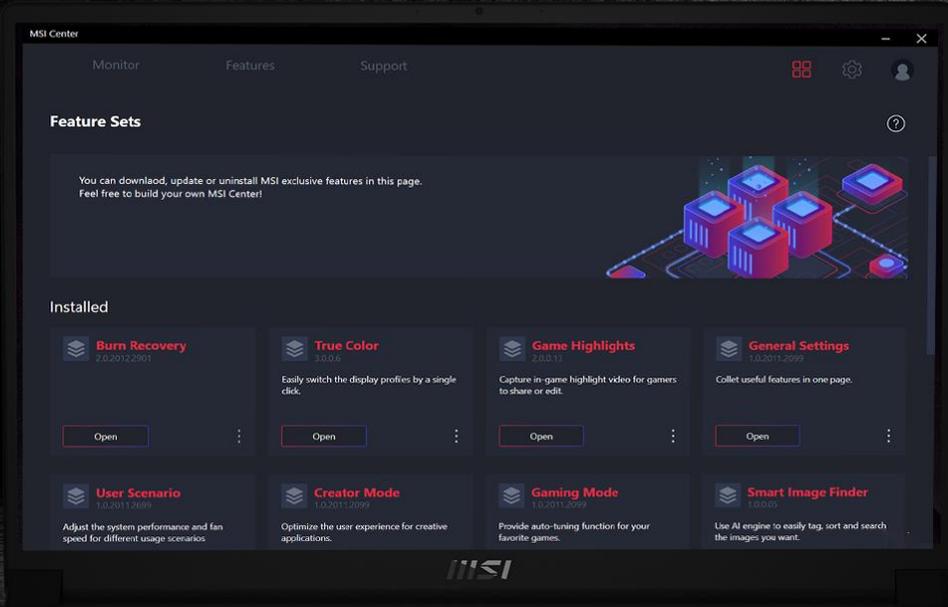
359 MB
MSI CENTER

v.s.

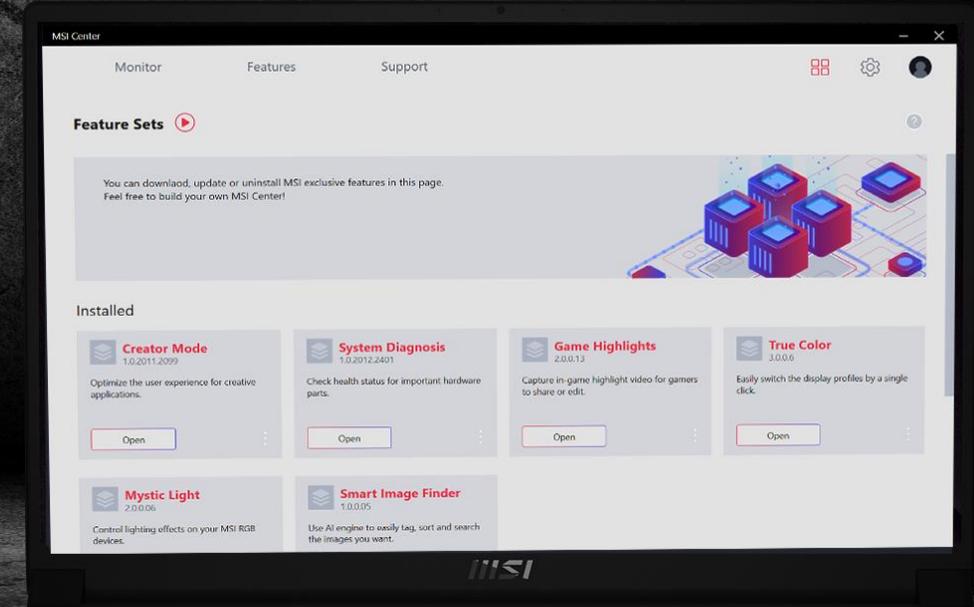


524 MB
DRAGON CENTER

30%+ Less Software Package Size to Get Rid of Burdens



WHAT'S NEW?





WHAT'S NEW?



Dual Optimization

Gaming Mode & Smart Priority

MSI provides both gaming mode and smart priority for creative or productivity apps, in order to fulfill versatile needs for users.

Gaming Mode

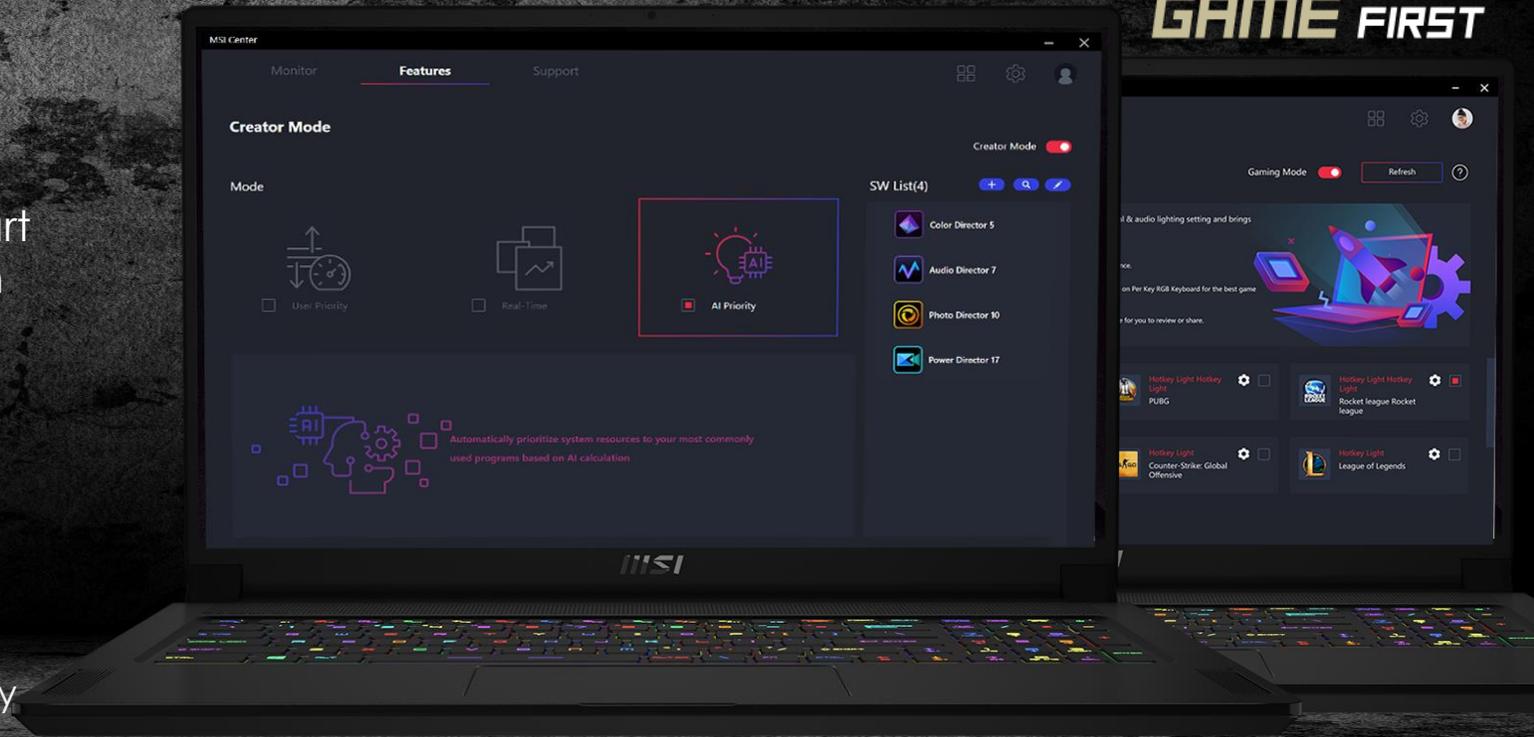
One-click does it all, optimize all your gaming needs

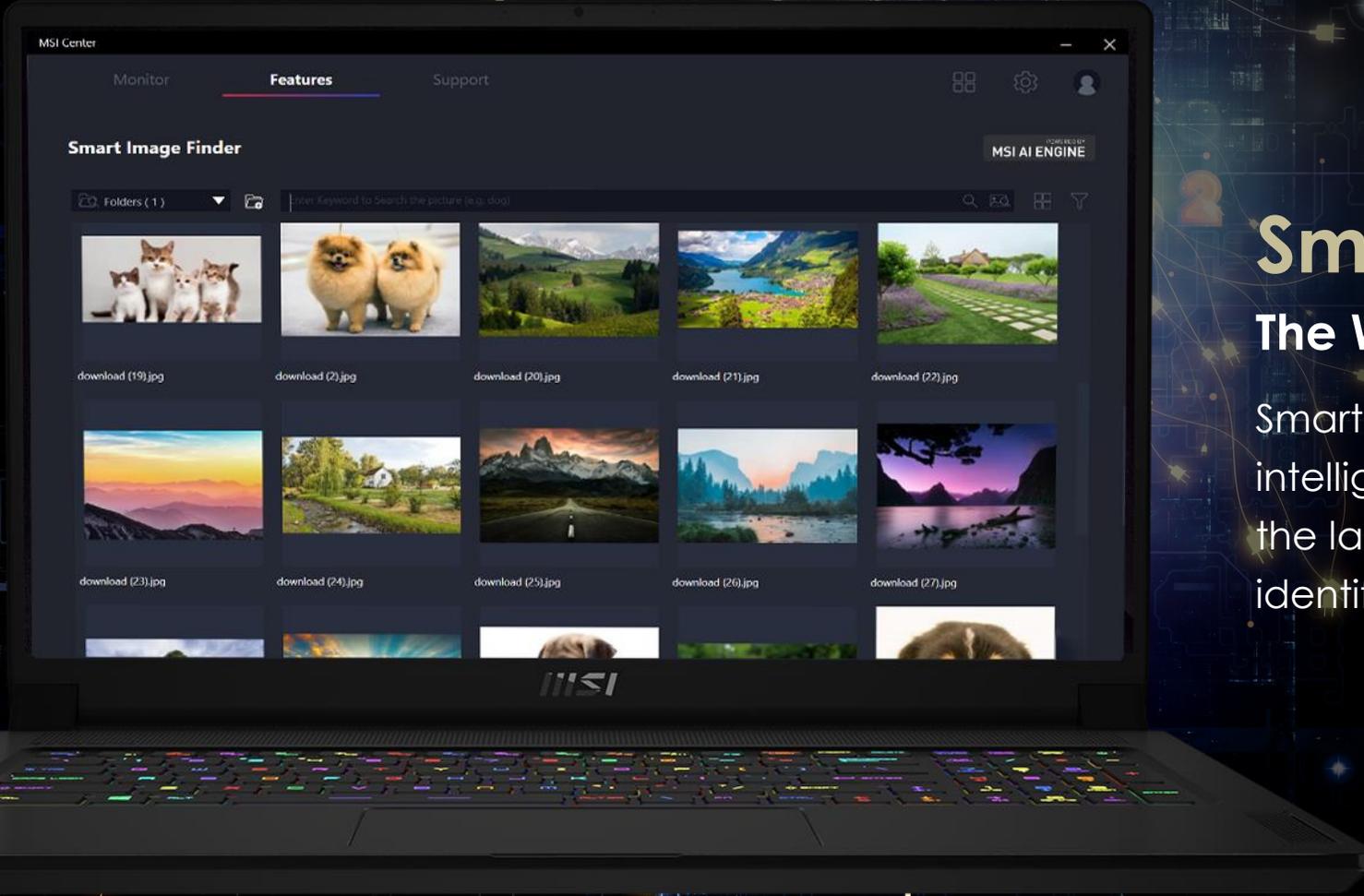
Smart Priority

Cooperate with Microsoft Azure to automatically set priority for apps based on AI learning.

APP PRIORITIZE

GAME FIRST





Smart Image Finder

The Way That Manage Photo with AI

Smart Image Finder uses lightning-fast intelligent engine to categorize the photos in the laptop and organize your creativity by identifying content based on smart tags.



Duet Display

Cross Platform Gaming & Better Productivity

Turn your tablet into a second display with zero lag with MSI's exclusive "Duet Display" support and be twice as productive whether at your desk or outside.

NEW

Screen Extension

on iOS Devices thru Lightning



Screen Mirroring

on iOS Devices thru Lightning



Capture Screen

on External Display thru HDMI





AI Noise Cancellation

To experience a higher quality game broadcasting, through 2-ways **MSI AI Noise Cancellation**, it helps you eliminate unwanted external noises (like keyboard typing) and suppress ambient background environment.

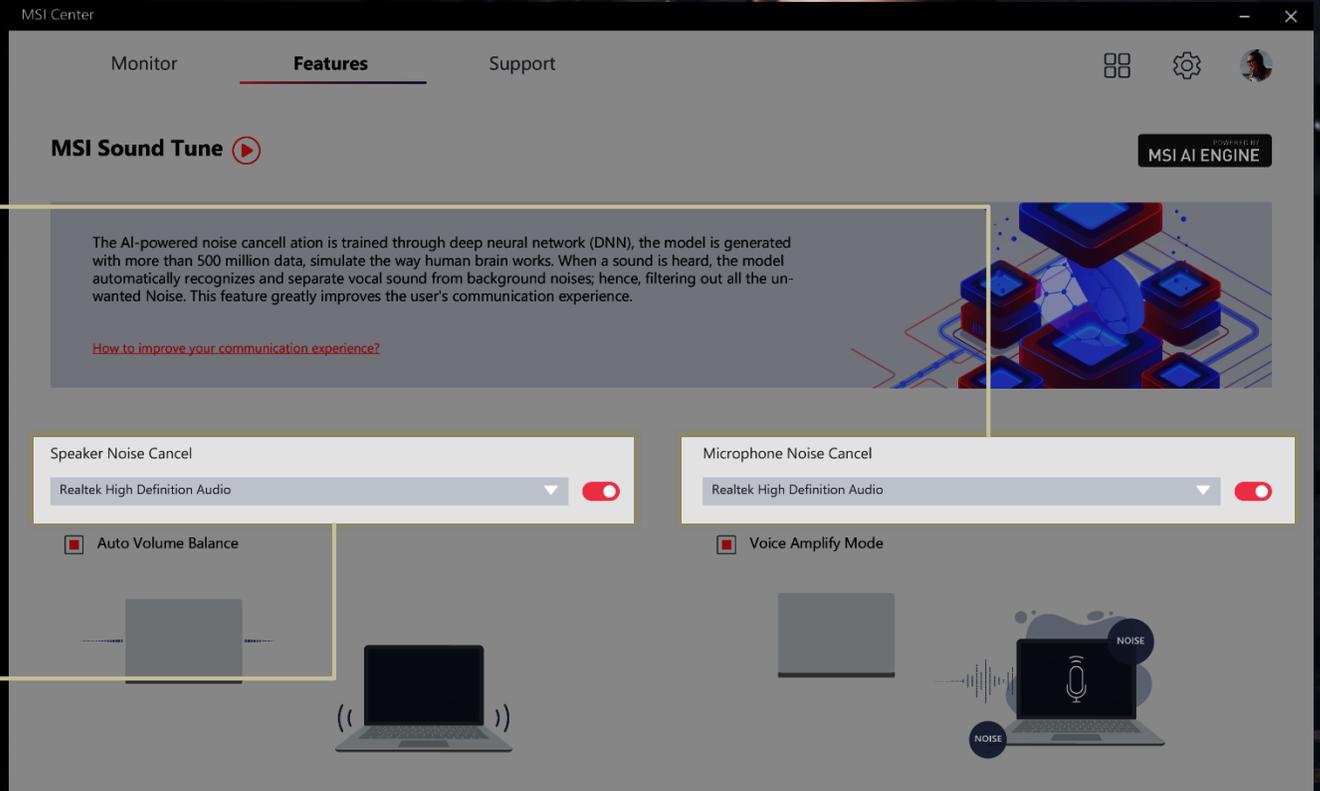
Microphone Noise Cancellation

Remove background noise from the microphone, so the other call participants can hear your voice clearly.



Speaker Noise Cancellation

Remove background noise from incoming audio, so you can always hear their voice clearly.





AI Noise Cancellation

*Please Click for the animation

To experience a higher quality game broadcasting, through 2-ways **MSI AI Noise Cancellation**, it helps you eliminate unwanted external noises (like keyboard typing) and suppress ambient background environment.

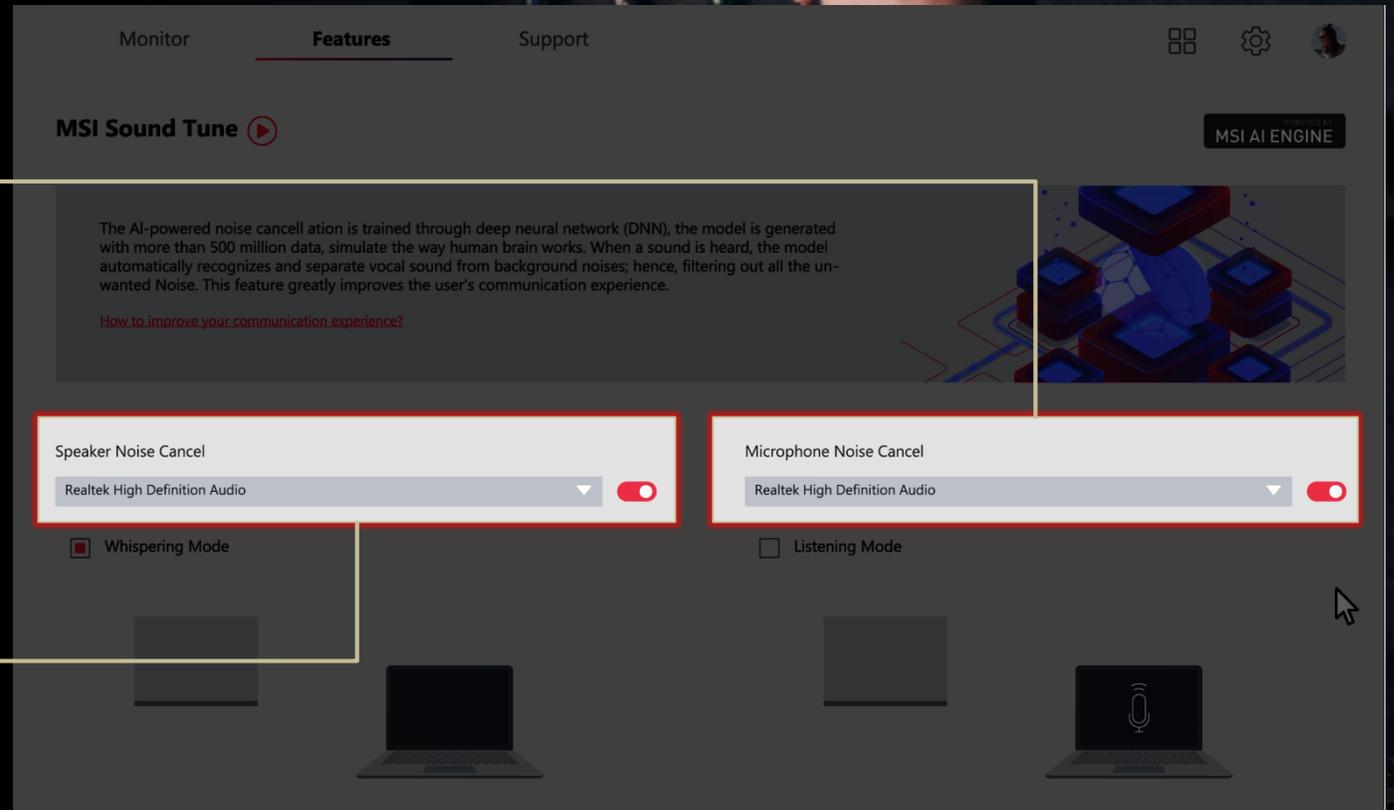
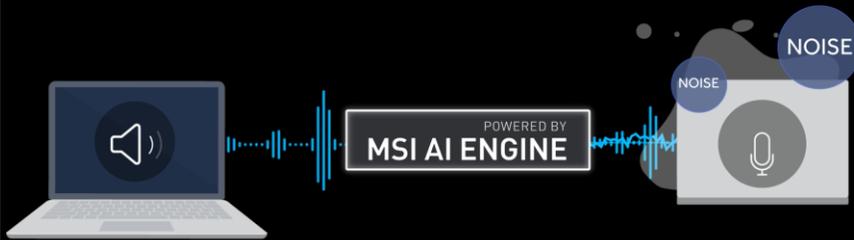
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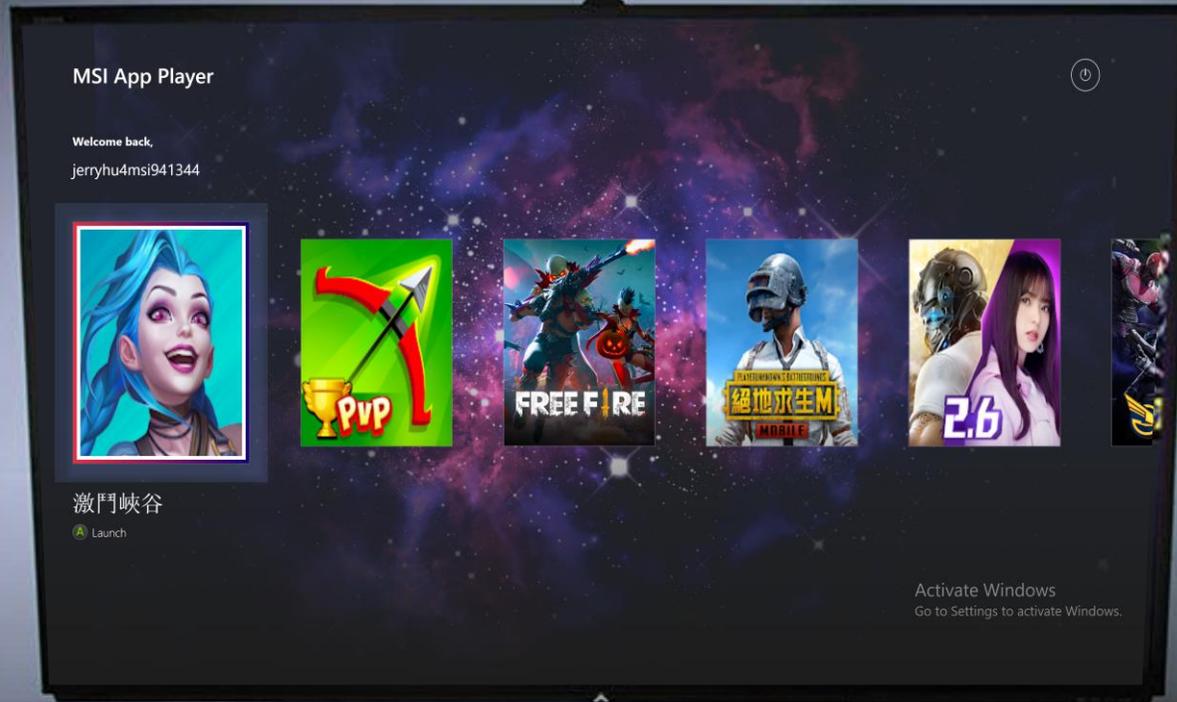
The Best Choice for Mobile Gaming

MSI App Player gives seamless gaming experience between mobile and laptop, also have multitasks for Android platform game with keyboard and mouse to win your games faster and easier.

Gaming laptop with app payer delivers 6x faster performance than any flagship smartphone & mobile device.



RTX 3070 Laptop GPU	6x
Flagship Tablet	1.12x
Flagship Smartphone	1x



Console Mode

Play Mobile Games as Console with Controller

Console Mode is the latest innovation on MSI App Player, it provides console-like experience to laptop with **intuitive UI** **dedicatedly design for mainstream game (wireless) controllers.**

The new UI also offers hot key customization for hard core mobile gamer to enhance game win rate.





05 | Specification



Specification



Processor	Up to Intel 11th Gen Core i9-11900H
Graphics	NVIDIA® GeForce RTX™ 3080 Laptop GPU 8GB GDDR6 (80W+15W with Dynamic Boost) NVIDIA® GeForce RTX™ 3070 Laptop GPU 8GB GDDR6 (80W+15W with Dynamic Boost) NVIDIA® GeForce RTX™ 3060 Laptop GPU 6GB GDDR6 (80W+15W with Dynamic Boost)
Display	17.3" UHD 120Hz IPS-level display with thin bezel design (100% Adobe RGB) 17.3" QHD 240Hz/165Hz IPS-level display with thin bezel design (close to 100% DCI-P3) 17.3" FHD 300Hz IPS-level display with thin bezel design (close to 100% sRGB)
Memory	DDR4-3200, 2 Slot, Max 64GB
Storage	1x M.2 SSD Slot PCIe Gen4x4, 1x M.2 SSD Slot PCIe Gen3x4 (Max up to 2TB)
Webcam	IR HD type (30fps@720p)
Keyboard	Per-Key Gaming Keyboard
Communication	Killer E3100G LAN (Up to 2.5G) + Killer AX1675 Wi-Fi 6E w/ Bluetooth 5.2
Connectivity	1x Thunderbolt™ 4 (support PD 3.0 Charging, DP1.4a, and USB4), 1x Type-C USB3.2 Gen2 (w/DP), 2x Type-A USB3.2 Gen2, 1x RJ45, 1x HDMI 2.1 (8K@60Hz/4K@120Hz), 1x Full size SD card (UHS-III), 1x Audio combo jack
Audio	2x 2W Dynaudio Speaker, Hi-Res Audio Certified, Nahimic
Adapter / Battery	230W AC adapter 4-Cell, 99 Whr
Dimension/Weight	396.1mm (W) x 259.4mm (D) x 20.25mm (H) / 2.45kg

*Please refer to the **Quotation** for the actual shipping specification

*Final design and spec subject to change, and may vary by countries.

Feature Highlights



GS76 STEALTH

PERFORMANCE



VISUAL



AUDIO



CONTROL



STREAMING





MADE FOR GAMERS & CREATORS

