

## COMPARE RESULT

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ROG Strix G15 (2022) G513  
G513RM-HQ223X



ROG Strix G15 (2022) G513  
G513RM-HF232X

### Operating System

Windows 11 Pro

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### Processor

AMD Ryzen™ 9 6900HX Mobile Processor (8-core/16-thread, 20MB cache, up to 4.9 GHz max boost)

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### Graphics

NVIDIA® GeForce RTX™ 3060 Laptop GPU

ROG Boost: 1752MHz\* at 140W (1702MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)  
6GB GDDR6

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### Display

15.6-inch  
WQHD (2560 x 1440) 16:9  
IPS-level  
Anti-glare display  
DCI-P3:  
100.00%  
Refresh Rate:  
165Hz  
Response Time:  
3ms  
Adaptive-Sync  
MUX Switch + Optimus  
Support Dolby Vision HDR :  
Yes

15.6-inch  
FHD (1920 x 1080) 16:9  
IPS-level  
Anti-glare display  
sRGB:  
100.00%  
Adobe:  
75.35%  
Refresh Rate:  
300Hz  
Response Time:  
3ms  
Adaptive-Sync  
MUX Switch + Optimus  
Support Dolby Vision HDR :  
Yes

### Memory

16GB DDR5-4800 SO-DIMM x 2  
Max Capacity:  
32GB  
Support dual channel memory

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### Storage

1TB PCIe® 4.0 NVMe™ M.2 SSD

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### I/O Ports

1x 3.5mm Combo Audio Jack  
1x HDMI 2.1 TMDS  
1x USB 3.2 Gen 2 Type-C  
2x USB 3.2 Gen 1 Type-A  
1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC  
1x RJ45 LAN port

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1x HDMI 2.1 TMDS  
1x USB 3.2 Gen 2 Type-C  
2x USB 3.2 Gen 1 Type-A  
1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC  
1x RJ45 LAN port

### Keyboard and Touchpad

Backlit Chiclet Keyboard Per-Key RGB  
Touchpad

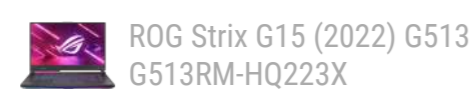
Backlit Chiclet Keyboard Per-Key RGB  
Support NumberPad  
Touchpad

### Camera

FHD 1080P@60FPS external camera

FHD 1080P@60FPS external camera

### Audio



ROG Strix G15 (2022) G513  
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AI noise-canceling technology



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AI noise-canceling technology

Hi-Res certification  
Built-in array microphone  
2-speaker system with Smart Amplifier Technology

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Built-in array microphone  
2-speaker system with Smart Amplifier Technology

## Network and Communication

Wi-Fi 6E(802.11ax) (Triple band) 2\*2 + Bluetooth® 5.3 Wireless Card (\*Bluetooth® version may change with OS version different.) -RangeBoost

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## Battery

90WHrs, 4S1P, 4-cell Li-ion

90WHrs, 4S1P, 4-cell Li-ion

## Power Supply

ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal  
TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal

ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal  
TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal

## AURA SYNC

Yes

Yes

## Device Lighting

Aura Sync Light Bar

Aura Sync Light Bar

## Weight

2.30 Kg (5.07 lbs)

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## Dimensions (W x D x H)

35.4 x 25.9 x 2.26 ~ 2.72 cm (13.94" x 10.20" x 0.89" ~ 1.07")

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## Xbox Game Pass

Xbox Game Pass Ultimate\_1 month (\*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

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## Security

BIOS Administrator Password and User Password Protection  
Trusted Platform Module (Firmware TPM)

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## Included in the Box

Pink ROG backpack  
Pink mousepad  
ROG Strix GO Core Electro Punk  
FHD 1080P@60FPS external camera  
ROG Strix Impact II Electro Punk  
TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal

ROG backpack  
FHD 1080P@60FPS external camera  
ROG Impact Gaming Mouse  
TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal



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Global/English

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