ASUS ROG Strix G15 G513RC-HN088W notebook 6800H 39.6 cm (15.6") Full HD AMD Ryzen™ 7 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: G513RC-HN088W

Product name : G513RC-HN088W

- Windows 11 Home 64-bit
- AMD Ryzen 7 6800H (16MB Cache, 3.2GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD

AMD Ryzen 7 6800H (16MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 680M, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Windows 11 Home 64-bit

ASUS ROG Strix G15 G513RC-HN088W. Product type: Notebook, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 6800H, Processor frequency: 3.2 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: Grey

Design	
Colour name	Eclipse Gray
Product type *	Notebook
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Gaming

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✖
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✓
RGB colour space	sRGB
Colour gamut	62.5%
Maximum refresh rate	144 Hz

Processor	
Processor manufacturer *	AMD
Processor model *	6800H
Processor family *	AMD Ryzen™ 7
Processor frequency *	3.2 GHz
Processor boost frequency	4.7 GHz
Processor cores	8
Processor cache	16 MB
Processor cache type	L2 & L3

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM

Audio	
Number of built-in speakers	2
Built-in microphone	✓

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✖
Antenna type	2x2
Ethernet LAN	✓
Ethernet LAN data rates	2500 Mbit/s
Bluetooth	✓
Bluetooth version	5.2

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✖
Keyboard backlit	✓
Keyboard backlit colour	RGB

Memory

Memory clock speed	4800 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 3050
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 680M
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6

Audio

Audio system	Dolby Atmos

Keyboard

Keyboard backlit zone	4-zone RGB

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	56 Wh

Power

AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	10 A
AC adapter output voltage	20 V

Security

Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Weight & dimensions

Width	354 mm
Depth	259 mm
Height (front)	2.06 cm
Height (rear)	2.59 cm
Weight *	2.1 kg

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