

## 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		Audio	
Colour name	Eclipse Gray	Number of built-in speakers	2
Product type *	Notebook	Built-in microphone	✓
Product colour *	Grey	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
<b>Display</b>		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	2500 Mbit/s
HD type	Full HD	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.2
Native aspect ratio	16:9	<b>Ports &amp; interfaces</b>	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Colour gamut	62.5%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	144 Hz	HDMI ports quantity *	1
<b>Processor</b>		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor model *	6800H	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ 7	USB Power Delivery	✓
Processor frequency *	3.2 GHz	<b>Keyboard</b>	
Processor boost frequency	4.7 GHz	Pointing device	Touchpad
Processor cores	8	Numeric keypad *	✗
Processor cache	16 MB	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
<b>Memory</b>			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Keyboard</b>	
Memory clock speed	4800 MHz	Keyboard backlit zone	4-zone RGB
Memory form factor	SO-DIMM	<b>Software</b>	
Memory layout (slots x size)	2 x 8 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	32 GB	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	56 Wh
Total SSDs capacity	512 GB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	200 W
SSD capacity	512 GB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	10 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	AMD Radeon 680M	Width	354 mm
Discrete graphics card memory	4 GB	Depth	259 mm
Discrete graphics memory type	GDDR6	Height (front)	2.06 cm
<b>Audio</b>		Height (rear)	2.59 cm
Audio system	Dolby Atmos	Weight *	2.1 kg



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