

## ASUS ROG Strix G15 G513RC-HN088W AMD Ryzen™ 7 6800H Laptop 39.6 cm (15.6") Full HD 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: 90NR08A5-M009Z0



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: Laptop, 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	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	<b>Network</b>	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
<b>Display</b>		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	39.6 cm (15.6")	Mobile network connection *	✗
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD	Ethernet LAN data rates	2500 Mbit/s
Panel type	IPS	Bluetooth	✓
Native aspect ratio	16:9	Bluetooth version	5.3
Anti-glare screen	✓	<b>Ports &amp; interfaces</b>	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	62.5%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Maximum refresh rate	144 Hz	Ethernet LAN (RJ-45) ports	1
<b>Processor</b>		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 7	Combo headphone/mic port	✓
Processor model *	6800H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	USB Power Delivery	✓
Processor boost frequency	4.7 GHz	<b>Keyboard</b>	
Processor frequency *	3.2 GHz	Pointing device	Touchpad
Processor cache	16 MB	Numeric keypad *	✗
Processor cache type	L2 & L3	Keyboard backlit	✓
<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 colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	4-zone RGB
Memory layout (slots x size)	2 x 8 GB	<b>Software</b>	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	56 Wh
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	512 GB	AC adapter power	200 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	10 A
Optical drive type *	✗	AC adapter output voltage	20 V
<b>Graphics</b>		<b>Security</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	4 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board GPU manufacturer	AMD	Width	354 mm
Discrete graphics card *	✓	Depth	259 mm
On-board graphics card model *	AMD Radeon 680M	Height (front)	2.06 cm
		Height (rear)	2.59 cm
		Weight *	2.1 kg



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