

## ASUS ROG Strix G15 G513QY-HQ008W-BE Advantage Edition AMD Ryzen™ 9 5900HX Laptop 39.6 cm (15.6") Wide Quad HD 16 GB DDR4-SDRAM 1 TB SSD AMD Radeon RX 6800M Wi-Fi 6 (802.11ax) Windows 11 Home Black

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR06X4-M01280



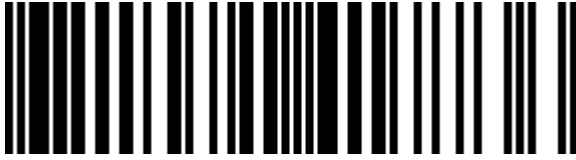
**Product name :** G513QY-HQ008W-BE Advantage Edition

- Windows 11 Home 64-bit  
 - AMD Ryzen 9 5900HX (16MB Cache, 3.3GHz)  
 - 39.6 cm (15.6") Wide Quad HD 2560 x 1440 IPS, AMD Radeon RX 6800M (12GB GDDR6)  
 - 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 1000GB SSD  
 AMD Ryzen 9 5900HX (16MB Cache, 3.3GHz), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Wide Quad HD 2560 x 1440 IPS, AMD Radeon Graphics, AMD Radeon RX 6800M (12GB GDDR6), LAN, WLAN, Windows 11 Home 64-bit  
 ASUS ROG Strix G15 G513QY-HQ008W-BE Advantage Edition. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 5900HX, Processor frequency: 3.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Wide Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Original Black	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	<b>Camera</b>	
Form factor *	Clamshell	Front camera	✗
Market positioning	Gaming	<b>Network</b>	
<b>Display</b>		Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display diagonal *	39.6 cm (15.6")	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display resolution *	2560 x 1440 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	Wide Quad HD	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Display brightness	300 cd/m <sup>2</sup>	Bluetooth version	5.1
RGB colour space	DCI-P3	<b>Ports &amp; interfaces</b>	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
<b>Processor</b>		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen™ 9	HDMI version	2.0b
Processor model *	5900HX	Combo headphone/mic port	✓
Processor cores	8	Charging port type	DC-in jack
Processor boost frequency	4.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor frequency *	3.3 GHz	USB Power Delivery	✓
Processor cache	16 MB	<b>Keyboard</b>	
<b>Memory</b>		Pointing device	Touchpad
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		
Memory clock speed	3200 MHz		

Memory		Keyboard	
Memory form factor	SO-DIMM	Keyboard layout	AZERTY
Memory layout (slots x size)	2 x 8 GB	Numeric keypad *	✗
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	NVMe, PCI Express 3.0	Battery capacity *	90 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	12 A
Discrete GPU manufacturer	AMD	AC adapter output voltage	20 V
Discrete graphics card model *	AMD Radeon RX 6800M	Security	
Discrete graphics card memory	12 GB	Cable lock slot	✗
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✗
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, User
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width	354 mm
On-board graphics card model *	AMD Radeon Graphics	Depth	259 mm
NVIDIA Max-Q	✗	Height (front)	2.26 cm
		Height (rear)	2.72 cm
		Weight *	2.5 kg
		Logistics data	
		Harmonized System (HS) code	84713000



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Publication date: 21-OCT-2024. Prints or copies of Information are only valid on the printed Publication date