

# ASUS ROG Strix G17 G713RW-LL015W AMD Ryzen™ 9 6900HX Laptop 43.9 cm (17.3") Wide Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR08H4-M00230

**Product name :** G713RW-LL015W



- Windows 11 Home 64-bit  
 - AMD Ryzen 9 6900HX (20MB Cache, 3.3GHz)  
 - 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6)  
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD  
 AMD Ryzen 9 6900HX (20MB Cache, 3.3GHz), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, AMD Radeon Graphics, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6), LAN, WLAN, Windows 11 Home 64-bit  
 ASUS ROG Strix G17 G713RW-LL015W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 6900HX, Processor frequency: 3.3 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Wide Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Eclipse Gray	On-board graphics card *	✓
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Grey	On-board graphics card model *	AMD Radeon 680M
Form factor *	Clamshell	NVIDIA G-SYNC	✓
Market positioning	Gaming	<b>Audio</b>	
Introduction year	2022	Audio system	Dolby Atmos
Display		Number of built-in speakers	2
Display diagonal *	43.9 cm (17.3")	Built-in microphone	✓
Display resolution *	2560 x 1440 pixels	<b>Network</b>	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	Wide Quad HD	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:9	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.2
Colour gamut	100%	<b>Ports &amp; interfaces</b>	
Display response rise/fall	3 ms	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	240 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.0b
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Power adapter barrel connector	6.0 mm
Processor family *	AMD Ryzen™ 9		

Processor		Ports & interfaces	
Processor generation	AMD Ryzen 6000 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	6900HX	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor boost frequency	4.9 GHz	Numeric keypad *	✓
Processor frequency *	3.3 GHz	Keyboard backlit	✓
Processor cache	20 MB	Keyboard backlit colour	RGB
Processor cache type	L2 & L3	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	4800 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory layout (slots x size)	2 x 8 GB	Battery capacity *	90 Wh
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	280 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	14 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	NVMe, PCI Express 4.0	Security	
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Card reader integrated	✗	Weight & dimensions	
Graphics		Width	395 mm
Discrete GPU manufacturer	NVIDIA	Depth	282 mm
Discrete graphics card model *	NVIDIA GeForce RTX 3070 Ti	Height (front)	2.34 cm
Discrete graphics card memory	8 GB	Height (rear)	2.83 cm
Discrete graphics memory type	GDDR6	Weight *	2.9 kg



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