

ASUS ROG Strix G17 G713RW-KH081W AMD Ryzen™ 9 6900HX Laptop 43,9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Article code: 90NR08H4-M00490

Product name : G713RW-KH081W

ASUS ROG Strix G17 G713RW-KH081W. 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: 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 color: Grey



Design		Audio	
Colour name	Eclipse Grey	Number of built-in speakers	2
Product type *	Laptop	Speaker power	4 W
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Display diagonal *	43.9 cm (17.3")	Mobile network connection *	✗
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Panel type	IPS	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.1
Native aspect ratio	16:9	Ports & interfaces	
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	100%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	360 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.0b
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Charging port type	DC-in jack
Processor generation	AMD Ryzen 6000 Series	Power adapter barrel connector	6.0 mm
Processor model *	6900HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8		
Processor boost frequency	4.9 GHz		
Processor frequency *	3.3 GHz		
Processor cache	20 MB		
Processor cache type	L2 & L3		

Memory		Performance	
Internal memory *	16 GB	Repairability index	7.3
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	4800 MHz	Pointing device	Touchpad
Memory form factor	SO-DIMM	Keyboard layout	AZERTY
Memory layout (slots x size)	1 x 16 GB	Keyboard language	French
Memory slots	2x SO-DIMM	Numeric keypad *	✓
Maximum internal memory *	32 GB	Keyboard backlit	✓
Storage		Keyboard backlit colour	RGB
Total storage capacity *	512 GB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Total SSDs capacity	512 GB	Trial software	1-month trial for new Microsoft 365 customers
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	512 GB	Battery	
SSD interface	NVMe, PCI Express 3.0	Battery technology	Lithium-Ion (Li-Ion)
NVMe	✓	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	90 Wh
Optical drive type *	✗	Power	
Card reader integrated	✗	AC adapter power	280 W
Graphics		AC adapter frequency	50 - 60 Hz
Discrete GPU manufacturer	NVIDIA	AC adapter input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA GeForce RTX 3070 Ti	AC adapter output voltage	20 V
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD) *	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	AMD	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 680M	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	395 mm
Audio		Depth	282 mm
Audio system	Dolby Atmos	Height (front)	2.34 cm
		Height (rear)	2.83 cm
		Weight *	2.7 kg



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