

# ASUS ROG Strix SCAR 17 G733ZW-LL119W laptop Intel® Core™ i9 i9-12900H 43.9 cm (17.3") Wide Quad HD 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** ASUS

**Product family:** ROG

**Product code:** G733ZW-LL119W



**Product name :** G733ZW-LL119W

- Windows 11 Home 64-bit  
 - Intel Core i9-12900H (24MB Cache, 2.5GHz)  
 - 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6)  
 - 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD  
 Intel Core i9-12900H (24MB Cache, 2.5GHz), 32GB DDR5-SDRAM, 2000GB SSD, 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6), LAN, WLAN, Windows 11 Home 64-bit  
 ASUS ROG Strix SCAR 17 G733ZW-LL119W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor: i9-12900H, Processor frequency: 2.5 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Wide Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Network	
Color name	Off Black	Antenna type	2x2
Product type *	Laptop	Ethernet LAN connection	✓
Product colour *	Black	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Gaming	Bluetooth version	5.2
Display		Ports & interfaces	
Display diagonal *	43.9 cm (17.3")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	2560 x 1440 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touch screen *	✗	Ethernet LAN (RJ-45) ports quantity	1
HD type	Wide Quad HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
Native aspect ratio	16:9	Thunderbolt 4 ports quantity	1
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Color gamut	100%	Power adapter barrel connector	6.0 mm
Maximum refresh rate	240 Hz	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) supported	✓	Keyboard	
High Dynamic Range (HDR) technology	Dolby Vision	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel® Core™ i9	Keyboard backlit colour	RGB
Processor generation	12th gen Intel® Core™ i9	Keyboard backlit zone	Per-key RGB
Processor *	i9-12900H	Software	
Processor number of cores	14	Operating system architecture	64-bit
Processor boost frequency	5 GHz		
Processor frequency *	2.5 GHz		

Processor		Software	
Processor cache	24 MB	Operating system installed *	Windows 11 Home
Configurable TDP-down	35 W	<b>Processor special features</b>	
Memory		Intel Flex Memory Access	✓
Internal memory *	32 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR5-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	4800 MHz	Intel Stable Image Platform Program (SIPP)	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	2 x 16 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	64 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels	Dual-channel	Intel Virtualization Technology (VT-x)	✓
Storage		Battery	
Total storage capacity *	2 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	2 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Energy Management	
Solid-state drive capacity	2 TB	AC adapter power	280 W
Solid-state drive interfaces	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	14 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✗	DC-in jack	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 3070 Ti	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & Dimensions	
Discrete graphics card *	✓	Width	395 mm
On-board graphics card model *	Intel Iris Xe Graphics	Depth	282 mm
NVIDIA G-SYNC	✓	Height (front)	2.34 cm
Audio		Height (rear)	2.83 cm
Audio system	Dolby Atmos	Weight *	2.9 kg
Number of built-in speakers	4		
Built-in microphone	✓		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		

## Catalog Object Cloud



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