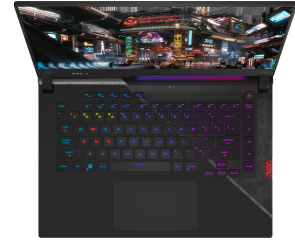


## ASUS ROG Strix SCAR 15 G533ZW-LN148W Intel® Core™ i9 i9-12900H Laptop 39.6 cm (15.6") Wide Quad HD 16 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0872-M00880

**Product name :** G533ZW-LN148W

- Windows 11 Home 64-bit
  - Intel Core i9-12900H (24MB Cache)
  - 39.6 cm (15.6") Wide Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6)
  - 16GB (4800MHz) DDR5-SDRAM (1 x 16) & 2000GB SSD
- Intel Core i9-12900H (24MB Cache), 16GB DDR5-SDRAM, 2000GB SSD, 39.6 cm (15.6") 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 15 G533ZW-LN148W Intel® Core™ i9 i9-12900H Laptop 39.6 cm (15.6") Wide Quad HD 16 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black:

### PIXEL PERFECT POWER

Draw more frames and win more games with the raw horsepower of the brand new 2022 ROG Strix SCAR 15 with Windows 11 Pro. Tackle any enemy with an Intel® Core™ i9-12900H CPU, paired with an NVIDIA® GeForce RTX™ Laptop GPU with up to a 150W max TGP. Leave loading screens behind thanks to PCIe Gen4 solid state storage. With DDR5 memory bringing more bandwidth than ever before, the SCAR is ready to leave the competition in the dust.



Design		Network	
Colour name	Off Black	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Product type *	Laptop	Bluetooth	✓
Product colour *	Black	Bluetooth version	5.2
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Gaming	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Introduction year	2022	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Country of origin	China	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	39.6 cm (15.6")	HDMI version	2.1
Display resolution *	2560 x 1440 pixels	Thunderbolt 4 ports quantity	1
Touchscreen *	✗	Intel® Thunderbolt 4	✓
HD type	Wide Quad HD	Combo headphone/mic port	✓
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:9	USB Power Delivery	✓
Anti-glare screen	✓	Keyboard	
Display brightness	300 cd/m <sup>2</sup>	Pointing device	Touchpad
RGB colour space	DCI-P3	Numeric keypad *	✗
Colour gamut	100%	Keyboard backlit	✓
Display response rise/fall	3 ms	Keyboard backlit colour	RGB
Maximum refresh rate	240 Hz	Software	
Contrast ratio (typical)	1000:1	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 11 Home
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i9	Intel Flex Memory Access	✓
Processor generation	12th gen Intel® Core™ i9	Intel Trusted Execution Technology	✓
Processor model *	i9-12900H		
Processor cores	14		
Processor cache	24 MB		

<b>Processor</b>		<b>Processor special features</b>	
Configurable TDP-down	35 W	Intel VT-x with Extended Page Tables (EPT)	✓
<b>Memory</b>		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	16 GB	Execute Disable Bit	✓
Internal memory type	DDR5-SDRAM	CPU configuration (max)	1
Memory clock speed	4800 MHz	Embedded options available	✗
Memory form factor	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 16 GB	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM	<b>Battery</b>	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	90 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	2 TB	AC adapter power	280 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	2 TB	AC adapter input voltage	100 - 240 V
SSD interface	NVMe, PCI Express 4.0	AC adapter output current	14 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 3070 Ti	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	8 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth	259 mm
On-board graphics card *	✓	Height (front)	2.26 cm
On-board GPU manufacturer	Intel	Height (rear)	2.72 cm
Discrete graphics card *	✓	Weight *	2.3 kg
On-board graphics card model *	Intel Iris Xe Graphics	<b>Packaging data</b>	
NVIDIA G-SYNC	✓	Package width	90 mm
<b>Audio</b>		Package depth	465 mm
Audio system	Dolby Atmos	Package height	335 mm
Number of built-in speakers	4	Package weight	4.82 kg
Built-in microphone	✓	<b>Logistics data</b>	
<b>Network</b>		Harmonized System (HS) code	84713000
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
Ethernet LAN	✓		



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