

**ASUS ROG Strix SCAR 17 G733PYV-LL046W AMD Ryzen™ 9 7945HX3D Laptop 43.9 cm (17.3") Wide Quad HD 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11 Home Black**

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0DB4-M004A0

**Product name :** G733PYV-LL046W

- Windows 11 Home 64-bit  
 - AMD Ryzen 9 7945HX3D (128MB Cache)  
 - 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 4090 (16GB GDDR6)  
 - 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD  
 AMD Ryzen 9 7945HX3D (128MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 43.9 cm (17.3") Wide Quad HD 2560 x 1440 IPS, AMD Radeon 610M, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG Strix SCAR 17 G733PYV-LL046W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 7945HX3D. 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: AMD Radeon 610M, Discrete graphics card model: NVIDIA GeForce RTX 4090. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Off Black	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2023	Mobile network connection *	✗
Country of origin	China	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	43.9 cm (17.3")	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Display resolution *	2560 x 1440 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	Wide Quad HD	<b>Ports &amp; interfaces</b>	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Colour gamut	100%	Power adapter barrel connector	6.0 mm
Display response rise/fall	3 ms	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	240 Hz	USB Power Delivery	✓
Contrast ratio (typical)	1000:1	<b>Performance</b>	
High Dynamic Range (HDR) supported	✓	Repairability index	8.6
High Dynamic Range (HDR) technology	Dolby Vision	<b>Keyboard</b>	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 9	Keyboard backlit	✓
Processor model *	7945HX3D	Keyboard backlit colour	RGB
Processor cores	16	Keyboard backlit zone	Per-key RGB
Processor boost frequency	5.4 GHz		
Processor cache	64 MB		

Processor		Software	
Processor cache type	L3	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	4800 MHz	Number of battery cells	4
Memory form factor	SO-DIMM	Battery capacity *	90 Wh
Memory layout (slots x size)	2 x 16 GB	Fast charging	✓
Memory slots	2x SO-DIMM	Fast charging time (50%)	30 min
Maximum internal memory *	64 GB	Power	
Storage		AC adapter power	330 W
Total storage capacity *	2 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	2 TB	AC adapter output current	16.5 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	2 TB	Security	
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✗	Width	395 mm
Graphics		Depth	282 mm
Discrete GPU manufacturer	NVIDIA	Height (front)	2.34 cm
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Height (rear)	2.83 cm
Discrete graphics card memory	16 GB	Weight *	3 kg
Discrete graphics memory type	GDDR6	Packaging data	
On-board graphics card *	✓	Package width	90 mm
On-board GPU manufacturer	AMD	Package depth	490 mm
Discrete graphics card *	✓	Package height	355 mm
On-board graphics card model *	AMD Radeon 610M	Package weight	4.29 kg
NVIDIA G-SYNC	✓	Logistics data	
Audio		Commodity Classification	
Audio system	Smart Amp	Automated Tracking System (CCATS)	8471300000
Number of built-in speakers	2		
Built-in microphone	✓		



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