ASUS

ASUS ROG Strix SCAR 17 G733PY-LL003W AMD Ryzen™ 9 7945HX 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-M000J0

Product name : G733PY-LL003W

AMD Ryzen 9 7945HX (80MB Cache, 2.5GHz), 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

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ROG STRIX SCAR 17
Beat the best. Carve your legacy.
Reach the pinnacle of Windows 11 Pro gaming with the 2023 Strix SCAR 17, with up to an AMD Ryzen™ 9 7945HX CPU and up to an NVIDIA® GeForce RTX™ 4090 Laptop GPU.

- Enjoy effortless Windows 11 Pro gaming performance with the Strix SCAR 17
- Up to an AMD Ryzen™ 9 7945HX 16-core processor with up to a 65W TDP
- Up to an NVIDIA® GeForce RTX™ 4090 Laptop GPU with 175W max TGP, DLSS 3 and NVIDIA Advanced Optimus
- Conductonaut Extreme liquid metal and a custom vapor chamber keep the machine cool
- See a clear path to victory with QHD 240Hz display
- Dolby Vision HDR support and Spatial sound via Dolby Atmos bring your content to life

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Country of origin	China

Display

Display diagonal *	43.9 cm (17.3")
Display resolution *	2560 x 1440 pixels
Touchscreen *	✘
HD type	Wide Quad HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✔
RGB colour space	DCI-P3
Colour gamut	100%
Display response rise/fall	3 ms
Maximum refresh rate	240 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor model *	7945HX
Processor cores	16
Processor boost frequency	5.4 GHz
Processor frequency *	2.5 GHz

Camera

Front camera	✔
Front camera HD type	HD

Network

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	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Processor

Processor cache	80 MB
Processor cache type	L2 & L3

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Storage

Total storage capacity *	2 TB
Storage media *	SSD
Total SSDs capacity	2 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✗

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4090
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	AMD
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 610M
NVIDIA G-SYNC	✓

Audio

Audio system	Smart Amp
Number of built-in speakers	2
Built-in microphone	✓

Keyboard

Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh

Power

AC adapter power	330 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	16.5 A
AC adapter output voltage	20 V

Security

Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Weight & dimensions

Width	395 mm
Depth	282 mm
Height (front)	2.34 cm
Height (rear)	2.83 cm
Weight *	3 kg

Packaging data

Package width	100 mm
Package depth	490 mm
Package height	355 mm
Package weight	5.75 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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