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ASUS ROG Strix SCAR 18 G834JY-N5012

Price and specs

Main specs

Processor

[Intel Core i9-13980HX](#)

RAM

32GB DDR5-SDRAM

Screen

18" 1920x1200 IPS 165Hz

Operating system

N

Hard drive

1000GB SSD M.2

Graphics card

NVIDIA GeForce RTX 4090 16GB GDDR6

Alternatives with same CPU

ASUS VivoBook Pro 16X K6604JI-AS99

1994.99 \$ 10 ⚡ 76 Intel Core i9 i9-13980HX 16" 2560x1600 IPS 165Hz 32GB DDR5-SDRAM 1000GB SSD M.2 Windows 11 Home
NVIDIA GeForce RTX 4070 8GB GDDR6

ASUS ProArt StudioBook 16 OLED H7604JV-DS96T

2199.99 \$ 10 ⚡ 81 Intel Core i9 i9-13980HX 16" 3200x2000 OLED 120Hz 32GB DDR5-SDRAM 1TB SSD M.2 Windows 11 Home
NVIDIA GeForce RTX 4060 8GB GDDR6

ASUS ROG Strix G16 G614JI-XS96

2099 \$ 10 ⚡ 76 Intel Core i9 i9-13980HX 16" 2560x1600 IPS 240Hz 32GB DDR5-SDRAM 1000GB SSD M.2 Windows 11 Pro
NVIDIA GeForce RTX 4070 8GB GDDR6

Full specifications

Reference 90NR0CG1-M000K0	Release date 01-2023, 6 months ago		
Design			
Product type Notebook	Product color Black	Form factor Clamshell	Color name Off Black
Market positioning Gaming	Año de introducción 2023		
Display			
Display diagonal 18" (45,7 cm)	Display resolution 1920 x 1200 pixels	Touchscreen No	HD type WUXGA
Panel type IPS	LED backlight Yes	Native aspect ratio 16:10	Anti-glare screen Yes
Display brightness 300 cd/m ²	RGB color space sRGB	Color gamut 100 %	Maximum refresh rate 165 Hz
Processor			
Processor family Intel® Core™ i9	Processor manufacturer Intel	Processor model i9-13980HX	Generación del procesador Intel Core i9-13xxx
Processor boost frequency 5,6 GHz	Processor cores 24	Processor cache 36 MB	
Memory			
Internal memory 32 GB	Maximum internal memory 64 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	
Storage			
Total storage capacity 1000 GB	Storage media SSD	Optical drive type No	Total SSDs capacity 1000 GB
Number of SSDs installed 1	SSD capacity 1000 GB	SSD interface PCI Express 3.0	NVMe Yes
SSD form factor M.2	Card reader integrated No		
Graphics			
On-board graphics card Yes	Discrete graphics card Yes	Discrete graphics card model NVIDIA GeForce RTX 4090	On-board graphics card model Intel® UHD Graphics
Discrete GPU manufacturer NVIDIA	Discrete graphics card memory 16 GB	Discrete graphics memory type GDDR6	NVIDIA G-SYNC Yes
Audio			
Audio system Dolby Atmos	Number of built-in speakers 4	Built-in microphone Yes	
Camera			
Front camera Yes	Front camera HD type HD		

Laptops

Mobile network connection No	Top Wi-Fi standard Wi-Fi 6E (802.11ax)	Wi-Fi standards Wi-Fi 6E (802.11ax)	Antenna type 2x2
Ethernet LAN Yes	Ethernet LAN data rates 10,100,1000,2500 Mbit/s	Bluetooth Yes	Bluetooth version 5.2

Ports & interfaces

HDMI ports quantity 1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1	Ethernet LAN (RJ-45) ports 1
Thunderbolt 4 2.1	Número de puertos Thunderbolt 4 1	Intel® Thunderbolt 4 Yes	Combo headphone/mic port Yes
Charging port type DC-in jack	Power adapter barrel connector 6.0 mm	USB Type-C DisplayPort Alternate Mode Yes	USB Power Delivery Yes

Keyboard

Numeric keypad Yes	Pointing device Touchpad	Keyboard backlit Yes	Keyboard backlit color RGB
Zona retroiluminada del teclado Per-key RGB			

Software

Operating system installed No

Battery

Battery capacity 90 Wh	Battery technology Lithium-Ion (Li-Ion)	Number of battery cells 4
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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) Yes	Password protection Yes	Password protection type BIOS,User
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Weight & dimensions

Weight 6.8 lbs (3,1 kg)	Width 15.7 " (399 mm)	Depth 11.6 " (294 mm)	Height (front) 0.9 " (2,31 cm)
Height (rear) 1.2 " (3,08 cm)			

Packaging data

Package width 13.8 " (350 mm)	Package depth 4.3 " (110 mm)	Package height 18.1 " (460 mm)	Package weight 13.1 lbs (5,94 kg)
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Laptop comparison

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