

ROG Strix SCAR 18 (2023) G834

FeaturesTech SpecsAwardsGallerySupport



ROG Strix Scar 18 (2023)
G834JY



ROG Strix Scar 18 (2023)
G834JZ

Operating System

Windows 11 Pro

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Processor

13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)

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Graphics

NVIDIA® GeForce RTX™ 4090 Laptop GPU
ROG Boost: 2090MHz* at 175W (2040MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
16GB GDDR6

Graphics

NVIDIA® GeForce RTX™ 4080 Laptop GPU
ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
12GB GDDR6

Display

ROG Nebula Display
18-inch
QHD+ 16:10 (2560 x 1600, WQXGA)
Anti-glare display
DCI-P3:100.00%
Refresh Rate:240Hz
Response Time:3ms
IPS-level
G-Sync
Pantone Validated
MUX Switch + NVIDIA® Advanced Optimus
Support Dolby Vision HDR :Yes

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Support Dolby Vision HDR :Yes

Memory

32GB DDR5-4800 SO-DIMM x 2
Max Capacity : 64GB
Support dual channel memory

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Storage

2TB + 2TB PCIe® 4.0 NVMe™ M.2 Performance SSD (RAID 0)

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I/O Ports

1x 3.5mm Combo Audio Jack
1x HDMI 2.1 FRL

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1x HDMI 2.1 FRL

1x 2.5G LAN port	1x 2.5G LAN port
1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC	1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC
1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC	1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC
2x USB 3.2 Gen 2 Type-A	2x USB 3.2 Gen 2 Type-A
Keyboard and Touchpad	Keyboard and Touchpad
Backlit Chiclet Keyboard Per-Key RGB	Backlit Chiclet Keyboard Per-Key RGB
Touchpad	Touchpad
Camera	Camera
720P HD camera	720P HD camera
Audio	Audio
Smart Amp Technology	Smart Amp Technology
Dolby Atmos	Dolby Atmos
AI noise-canceling technology	AI noise-canceling technology
Hi-Res certification	Hi-Res certification
Built-in array microphone	Built-in array microphone
4-speaker system with Smart Amplifier Technology	4-speaker system with Smart Amplifier Technology
Network and Communication	Network and Communication
Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2
(*Bluetooth® version may change with OS version different.)	(*Bluetooth® version may change with OS version different.)
Battery	Battery
90WHrs, 4S1P, 4-cell Li-ion	90WHrs, 4S1P, 4-cell Li-ion
Power Supply	Power Supply
ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal	ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal
TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal
AURA SYNC	AURA SYNC
Yes	Yes
Device Lighting	Device Lighting
Aura Sync Rear Glow	Aura Sync Rear Glow
Aura Sync Light Bar	Aura Sync Light Bar
Aura Sync logo	Aura Sync logo
Weight	Weight
3.10 Kg (6.83 lbs)	3.10 Kg (6.83 lbs)

Dimensions (W x D x H)	Dimensions (W x D x H)
39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")


Security	Security
BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)

Included in the Box	Included in the Box
ROG backpack (optional) ROG Fusion II 300 (optional) ROG Gladius III Mouse P514 (optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal (optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details	ROG backpack (optional) ROG Fusion II 300 (optional) ROG Gladius III Mouse P514 (optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal (optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details

Note	Note
All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.	All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.



- This device supports Wi-Fi 6E, the newest standard in wireless networking. Please note that Wi-Fi 6E is not yet available in all regions. If your country has not opened up the necessary Wi-Fi bands, this device will use the best connection available. ROG will release a software update to enable Wi-Fi 6E when it's available in your region.
- The standard Asus test environment for battery life is as follows: Windows operating system, display module with 150 nits of brightness, lighting off, and other application settings.
- Video Playback: Testing is done with Wi-Fi/Bluetooth off, Windows Power Plan set to Balanced, Taskbar Power Mode set to Battery Saver, system volume at 67%, and video at full screen, 1080p resolution
- Web Browsing: Testing is done with Wi-Fi/Bluetooth, Windows Power Plan set to Balanced, Taskbar Power Mode set to Better Battery, and using the Weblooper Top50 website in Google Chrome to play the video with a refresh time of 10 seconds.
- Factors that affect battery life include laptop configuration, power settings, and the way it is used. Battery capacity fades with its cycle count and age.
- Quick-charging times apply when using the proper ASUS/ROG adapter included alongside the select model and the system is powered off (via the "shut down" command). In compatible scenarios, batteries can be recharged to 50% within 30 minutes under the optimal temperature range of 20-45 degrees Celsius. Charging times may vary +/- 10% due to system tolerance.
- The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- The actual HDMI version of the products should be checked in the product specifications page respectively.
- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.
- Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.
- The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

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