Part No
Sales Model Name
EAN Code
UPC Code
BASE UNIT
Marketing Name
Operating System
Office
Color
Dimension (W x D x H)
Weight
Processor
Chipset
Intergrated GPU
Discrete/Optimus
Graphic
Graphic Wattage
Graphic Memory
Panel Size
Resolution
Refresh Rate
Response Time (G2G)
Viewing Angle
Panel Tech
Brightness
Contrast Ratio
DCI-P3 %
Surface texture of display
Adaptive-Sync technology
Pantone
Nebula Display
Support Dolby Vision HDR
Thermal Feature
On board memory
DIMM Memory
Total System Memory
Memory Slot
Memory Max.
Multi-channel memory technology
Storage

M.2 slots support either SATA or NVMe
M.2 SSD Support List
Expansion Slot (includes used)
LAN
Wireless
I/O Ports
Display output
Camera
Mic
Keyboard Type
Aura Sync
Touchpad
Speakers
Audio
Audio Tech
Security
Antivirus
Battery
Fast charging
Charger included
Power
Xbox Game Pass
Included in the Box
Ecolabels & Compliances
Reparability Index (for France)



90NR0IJ2-M00410
SCAR16-G634JYR-DRRA105W
4711387613566
197105613560
VSNR0IJ2-BU1110

ROG Strix SCAR 16
Windows 11 Home
1-month trial for new Microsoft 365 customers. Credit card required.
Off Black
35.4 x 26.4 x 2.26 ~ 3.04 cm (13.94" x 10.39" x 0.89" ~ 1.20")
2.65 Kg (5.84 lbs)
Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)
Mobile Intel® HM770 Express Chipsets
Intel® UHD Graphics
MUX Switch + NVIDIA® Advanced Optimus
NVIDIA® GeForce RTX™ 4090 Laptop GPU (686 AI TOPs)
ROG Boost: 2090MHz* at 175W (2040MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
16GB GDDR6
16-inch
QHD+ 16:10 (2560 x 1600, WQXGA)
240Hz
3ms
170
Mini LED
1100nits
100000:1
100%
Anti-glare(AG) display
G-Sync
Pantone Validated
ROG Nebula HDR Display
Yes
ROG intelligent cooling
N/A
32GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
DDR5 64GB
2x SO-DIMM slots
64GB
Support dual channel memory technology

1TB + 1TB PCIe® 4.0 NVMe™ M.2 Performance SSD (RAID 0)

2

512G/ 1TB /2TB G4x4 PCIe SSD
2x DDR5 SO-DIMM slots
2x M.2 PCIe
10/100/1000/2500 Mbps
Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)
1x 2.5G LAN port
2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)
1x Thunderbolt™ 4 with support for DisplayPort™ / G-SYNC (data speed up to 40Gbps)
1x HDMI 2.1 FRL
720P HD camera
Built-in array microphone
Backlit Chiclet Keyboard Per-Key RGB
Yes
Touchpad
Support NumberPad
4-speaker system with Smart Amplifier Technology
1x 3.5mm Combo Audio Jack
Built-in array microphone
Hi-Res certification (for headphone)
Smart Amp Technology
Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.)
AI noise-canceling technology
Dolby Atmos
Trusted Platform Module (Firmware TPM)
BIOS Administrator Password and User Password Protection
McAfee® 30 days free trial
90WHrs, 4S1P, 4-cell Li-ion
Recharge from 0-50% in 30 minutes
Included
ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal
Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

Marketing Giveaway (1 Customizable Armor Cap)
N/A
8.6