

SPECIFICATIONS



ASUS ROG Strix SCAR 16 G635LW Series 2 Intel Core Ultra 9 275HX 32GB RAM, 1TB SSD 16 Inch 2.5K QHD+ WQXGA Display Copilot & AI Optimized Off Black Gaming Laptop

Regular Price 522,970
Special Price 482,000

ID: 33.02.006.1981

General

Brand	Asus
Laptop Series	ROG
Model	Asus ROG Strix SCAR 16 G635LW
Part No	G635LW-S5127W

Processor

Processor Brand	Intel
Processor Type.	Core Ultra 9
Generation	Ultra
Processor Model	Core Ultra 9 275HX
Processor Base Frequency	Not Applicable
Performance-Core Base Frequency	2.70GHz
Efficient-Core Base Frequency	2.10GHz
Processor Max Turbo Frequency	5.40GHz
Performance-Core Max Turbo Frequency	5.40GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Processor Core	24
Performance-Cores	8
Efficient-Cores	16
Processor Thread	24
CPU Cache	36MB
NPU	Yes
Neural Processing Unit (NPU)	Intel AI Boost

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

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NPU TOPS	13
Chipset.	Intel HM870

Memory

RAM	32GB
RAM Type	DDR5
RAM Bus	5600 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	Unmentioned
Max. RAM Support	64GB

Storage

Storage	1TB SSD
Installed HDD Type	No HDD
HDD RPM	No HDD
HDD Expansion Slot	No
Installed SSD Type	NVMe PCIe
Installed SSD Generation	Gen 4
M.2/SSD Expansion Slot	1
Storage Upgrade	Additional SSD Slot, Upgradeable Installed SSD

Graphics

Graphics Chipset	Nvidia RTX 5080 Graphics
Graphics Memory Accessibility	Dedicated
Graphics Memory	16GB
Graphics Memory Type	GDDR7

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Display

Display Size (Inch)	16
Display Type	2.5K QHD+ WQXGA Display
Panel Type	IPS
Display Resolution	2560x1600
Coating Technology	Anti-Glare
Touch Screen	No
Display Refresh Rate	240 Hz
Display Bezel	Slim Bezel
Brightness	500nits
Display Features	Response Time (G2G): 3ms, Viewing Angle: 170, Contrast Ratio 1200:1, DCI-P3 %: 100%, Adaptive-Sync technology: G-Sync, Pantone: Pantone Validated, Nebula Display: ROG Nebula Display, Support Dolby Vision HDR, Thermal Feature: ROG intelligent cooling
Secondary Screen Size	No Secondary Screen
Secondary Screen Technology	No Secondary Screen
Secondary Screen Resolution	No Secondary Screen

Ports & Slots

Optical Drive	No
Multimedia Card Slot	No
USB 2 Port	No
USB 3 Port	3 x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)
USB C / Thunderbolt Port	2 x Thunderbolt 5 with support for DisplayPort/ power delivery/ G-SYNC (data speed up to 120Gbps)
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No

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Display Port	No
Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo

Network & Connectivity

LAN	Yes
WiFi	Wi-Fi 7(802.11be) (Triple band) 2 x 2
Bluetooth	Bluetooth 5.4

Audio & Camera

Audio Properties	4-speaker system with Smart Amplifier Technology, Built-in array microphone, Audio Tech: AI noise-canceling technology, Dolby Atmos, Hi-Res certification (for headphone), Smart Amp Technology
Speaker	Yes
Microphone.	Yes
WebCam	FHD WebCam

Keyboard

Keyboard Layout	Backlit Chiclet Keyboard Per-Key RGB With Copilot key
Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	Yes (Numeric)
Pointing Device	TouchPad
Dedicated Navigation key	No

Security

Finger Print Sensor	No
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TPM	Yes
Security Chip	Trusted Platform Module (Firmware TPM)

Software

Operating System	Win-11 Home
Licensed Application	No

Physical Description

Device Lighting	No
Color	OFF-Black
Dimensions	354 x 268 x 22.8 - 30.8mm
Weight (Kg)	2.80 Kg

Power

Battery	4 Cell
Battery Capacity	90WHrs
Battery Type	Li-ion
Backup Time	Up to 3.5 Hrs.
Power Adapter	380W
Adapter Type	AC Adapter

Warranty

Warranty Details	2 Year International (1 Year for Battery)
Warranty Claim Duration (Approximate)	Estimated Warranty Claim Duration 20 Days. It may take additional time up to 40 days
Best For	Gaming, Browsing, working on documents, making light photo and video edits, Office Work etc
Specialty	Copilot & AI Optimized
Others	Security: BIOS Administrator Password and User Password Protection, Fast charging Recharge from 0-50% in 30 minutes, Output: 20V DC, 19A, 380W, Input: 100-240V AC, 50/60Hz universal

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