

ASUS COMPUTER

Laptop Gaming ASUS ROG Strix G16 G615LR-S5177W /
Ultra 7 255HX / 16GB DDR5 / 1TB / 16" WQXGA IPS AG
240Hz / RTX 5070 Ti 12GB / DE- Zezë

SKU: 14001583 · EAN: 4711387947180

SPECIFIKAT TEKNIKE	
127 specifikat e produktit	
ATRIBUTI	VLERA
Design	
Colour name	Eclipse Gray
Product type	Laptop
Product colour	Grey
Form factor	Clamshell
Market positioning	Gaming
Introduction year	2025
Display	
Display diagonal	40.6 cm (16")
Display resolution	2560 x 1600 pixels
Touchscreen	No
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	Yes
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	240 Hz
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	Dolby Vision
Processor	
Processor manufacturer	Intel
Processor family	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model	255HX

Processor cores	20
Processor threads	20
Processor boost frequency	5.2 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.2 GHz
Efficient-core Max Turbo Frequency	4.5 GHz
Performance-core base frequency	2.4 GHz
Efficient-core base frequency	1.8 GHz
Processor cache	30 MB
Processor base power	55 W
Maximum turbo power	160 W
Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	Yes
Windows Studio effects support	Yes
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	33 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs
Memory	
Internal memory	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory	64 GB
Memory channels	Dual-channel
Storage	
Total storage capacity	1 TB
Storage media	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0

NVMe	Yes
SSD form factor	M.2
Optical drive type	No
Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model	NVIDIA GeForce RTX 5070 Ti
Discrete graphics memory type	GDDR7
On-board graphics card	Yes
On-board GPU manufacturer	Intel
Discrete graphics card	Yes
On-board graphics card family	Intel® Graphics
On-board graphics card model	Intel® Graphics
Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	Yes
Camera	
Front camera	Yes
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	Yes
Network	
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection	No
Antenna type	2x2
Ethernet LAN	Yes
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Bluetooth	Yes
Bluetooth version	5.4
Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1

Thunderbolt 5 ports quantity	2
Intel® Thunderbolt 5	Yes
Combo headphone/mic port	Yes
Performance	
Repairability index	9.9
Keyboard	
Pointing device	Touchpad
Numeric keypad	No
Keyboard backlit	Yes
Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB
Keyboard layout	QWERTZ
Keyboard language	German
Copilot key	Yes
Software	
Operating system architecture	64-bit
Microsoft Copilot	Yes
Trial software	1-month trial for new Microsoft 365 customers.
Operating system installed	Windows 11 Home
Bundled software	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.)
Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity	90 Wh
Power	
AC adapter power	280 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	19 A
AC adapter output voltage	20 V
USB Power Delivery (USB PD)	Yes
Security	
Face recognition	Yes
Windows Hello	Yes

Trusted Platform Module (TPM)	Yes
Password protection	Yes
Password protection type	BIOS, User
Weight & dimensions	
Width	354 mm
Depth	268 mm
Height (front)	2.28 cm
Height (rear)	3.08 cm
Weight	2.65 kg
Packaging data	
Package width	460 mm
Package depth	99 mm
Package height	325 mm
Package weight	2.9 kg
Packaging content	
AC adapter included	Yes