

ASUS COMPUTER

Laptop Gaming ASUS ROG Strix G16 G615LW-S5006W / Ultra 9 275HX / 32GB DDR5 / 2TB / 16" WQXGA IPS / RTX 5080 16GB / DE - Gri

SKU: 14000647 · EAN: 4711636270366

SPECIFIKAT TEKNIKE	
122 specifikat e produktit	
ATRIBUTI	VLERA
Design	
Colour name	Volt Green
Product type	Laptop
Product colour	Green, Grey
Form factor	Clamshell
Housing material	Plastic
Market positioning	Gaming
Display	
Display diagonal	40.6 cm (16")
Display resolution	2560 x 1600 pixels
Touchscreen	No
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	Yes
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Processor	
Processor manufacturer	Intel
Processor family	Intel Core Ultra 9
Processor generation	Intel Core Ultra (Series 2)
Processor model	275HX
Processor cores	24
Processor threads	24
Processor boost frequency	5.4 GHz

Performance cores	8
Efficient cores	16
Performance-core Max Turbo Frequency	5.4 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.7 GHz
Efficient-core base frequency	2.1 GHz
Processor cache	36 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	36 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs
Memory	
Internal memory	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory	64 GB
Storage	
Total storage capacity	2 TB
Storage media	SSD
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 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 5080
Discrete graphics card memory	16 GB
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
NVIDIA G-SYNC	Yes
Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	Yes
Camera	
Front camera	Yes
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
USB Type-C DisplayPort Alternate Mode	Yes

Performance	
Motherboard chipset	Intel HM870
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
Software	
Operating system architecture	64-bit
Trial software	Microsoft 365 (30-day trial)
Operating system installed	Windows 11 Home
Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity	90 Wh
Power	
AC adapter power	380 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 Type-C charging port	Yes
USB Power Delivery (USB PD)	Yes
Security	
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