

SPECIFICATIONS



ASUS ROG Zephyrus G16 GU605CR Intel Core Ultra 9 285H 32GB RAM 1TB SSD 16 Inch 2.5K QHD+ WQXGA OLED Display Platinum White Gaming Laptop

Regular Price 420,980

Special Price 388,000

ID: 33.02.006.2001

General

Brand	Asus
Laptop Series	ROG
Model	Asus ROG Zephyrus G16 GU605CR
Part No	GU605CR-QR156W

Processor

Processor Brand	Intel
Processor Type.	Core Ultra 9
Generation	Ultra
Processor Model	Core Ultra 9 285H
Processor Base Frequency	Not Applicable
Performance-Core Base Frequency	2.90GHz
Efficient-Core Base Frequency	2.70GHz
Low Power Efficient-Core Base Frequency	1.0GHz
Processor Max Turbo Frequency	5.40GHz
Performance-Core Max Turbo Frequency	5.40GHz
Efficient-Core Max Turbo Frequency	4.50GHz
Low Power Efficient-Core Max Turbo Frequency	2.50GHz
Processor Core	16
Performance-Cores	6
Efficient-Cores	8
Low Power Efficient-Cores	2
Processor Thread	16

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CPU Cache	24MB
NPU	Yes
Neural Processing Unit (NPU)	Intel AI Boost
NPU TOPS	13

Memory

RAM	32GB
Installed RAM Details	1 x 32GB Non-Removable
RAM Type	LPDDR5x
RAM Bus	7467 MHz
Total RAM Slot	No
Empty/Expansion RAM Slot	No
Max. RAM Support	32GB

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 Can be added

Graphics

Graphics Chipset	Nvidia RTX 5070 Ti Graphics
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Graphics Memory Accessibility Dedicated

Graphics Memory 12GB

Graphics Memory Type GDDR7

Display

Display Size (Inch) 16

Display Type 2.5K QHD+ WQXGA Display

Panel Type OLED

Display Resolution 2560x1600

Display Surface Glossy

Touch Screen No

Display Refresh Rate 240 Hz

Display Bezel Slim Bezel

Brightness 500nits

Display Features 16:10 aspect ratio, Viewing Angle: 89/89/89/89, Contrast Ratio: 1,000,000:1, DCI-P3: 100%, Adaptive-Sync technology: G-Sync, Pantone: Pantone Validated, Nebula Display: ROG Nebula Display, Support Dolby Vision HDR: Yes

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 1

Supported Multimedia Card Card reader (SD) (UHS-II, 312MB/s)

USB 2 Port No

USB 3 Port 2 x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)

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USB C / Thunderbolt Port	1 x Thunderbolt 4 with support for DisplayPort/ power delivery (data speed up to 40Gbps), 1 x USB 3.2 Gen 2 Type-C with support for DisplayPort/ power delivery / G-SYNC (data speed up to 10Gbps)
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No
Display Port	No
Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo

Network & Connectivity

LAN	No
WiFi	Wi-Fi 7(802.11be) (Triple band) 2x2
Bluetooth	Bluetooth 5.4

Audio & Camera

Audio Properties	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 1-Zone RGB
Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	No

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Pointing Device	Touchpad
Dedicated Navigation key	No

Security

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

Software

Operating System	Win-11 Home
Licensed Application	No

Physical Description

Device Lighting	No
Color	Platinum White
Dimensions	354 x 246 x 14.9 - 17.4mm
Weight (Kg)	1.95 Kg
Package Content	ROG Zephyrus G16 Sleeve (2024)

Power

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

Warranty

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