

# ASUS ROG Zephyrus G16 GU605MZ-QR029W-BE Intel Core Ultra 9 185H Laptop 40,6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grijs, Zwart



**Merk :** ASUS

**Productfamilie:** ROG

**Artikelcode:** 90NR0IR5-M00320

**Productnaam :** GU605MZ-QR029W-BE

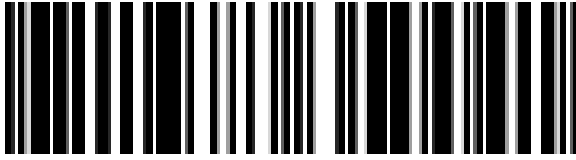
- Windows 11 Home 64-bit
  - Intel Core Ultra 9 185H (24MB Cache)
  - 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 4080 (12GB GDDR6)
  - 32GB (7467MHz) LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 9 185H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 OLED, Intel Arc Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G16 GU605MZ-QR029W-BE. Producttype: Laptop, Form factor: Clamshell. Processorfamilie: Intel Core Ultra 9, Processormodel: 185H. Beeldscherm diagonaal: 40,6 cm (16"), HD type: WQXGA, Resolutie: 2560 x 1600 Pixels. Intern geheugen: 32 GB, Intern geheugentype: LPDDR5x-SDRAM. Totale opslagcapaciteit: 1 TB, Opslagmedia: SSD. On-board graphics adapter model: Intel Arc Graphics, Discreet grafische adapter model: NVIDIA GeForce RTX 4080. Inclusief besturingssysteem: Windows 11 Home. Kleur van het product: Grijs, Zwart

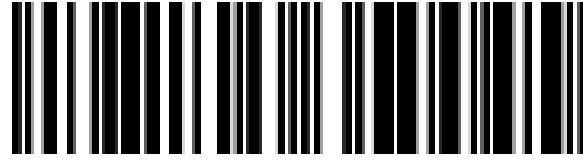


Design		Grafisch	
Kleurnaam	Eclipse Gray	Specifiek grafisch geheugentype	GDDR6
Producttype *	Laptop	Ingebouwde grafische adapter *	✓
Kleur van het product *	Grijs, Zwart	Interne-GPU-fabrikant	Intel
Vormfactor *	Clamshell	Aparte grafische adapter *	✓
Markt positionering	Gamen	On-board graphics adapter model *	Intel Arc Graphics
Introductie jaar	2024	NVIDIA G-SYNC	✓
Beeldscherm		Audio	
Beeldscherm diagonaal *	40,6 cm (16")	Audiosysteem	Smart Amp
Resolutie *	2560 x 1600 Pixels	Vermogen luidsprekers	4 W
Touchscreen *	✗	Ingebouwde microfoon	✓
HD type	WQXGA	Aantal microfoons	3
Soort paneel	OLED	Camera	
Oorspronkelijke beeldverhouding	16:10	Camera voorzijde	✓
Beeldoppervlakte	Glans	Resolutie camera voorzijde	1920 x 1080 Pixels
Helderheid	500 cd/m <sup>2</sup>	Voorcamera HD-type	Full HD
RGB-kleurruimte	DCI-P3	Infrarood (IR) camera	✓
Kleurbereik	100 procent	Netwerk	
Beeldschermreactietijd rise/fall	0,2 ms	Wifi-standaard *	Wi-Fi 6E (802.11ax)
Maximale refresh snelheid	240 Hz	Wi-Fi-standaarden	Wi-Fi 6E (802.11ax)
Typische contrastverhouding	1000000:1	Mobiele netwerkverbinding *	✗
HDR-ondersteuning	✓	Soort antenne	2x2
High Dynamic Range (HDR)-technologie	Dolby Vision	Ethernet LAN	✗
Processor		Bluetooth	✓
Processorfabrikant *	Intel	Bluetooth-versie	5.3
Processorfamilie *	Intel Core Ultra 9	Poorten & interfaces	
Processormodel *	185H	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	2
Aantal processorkernen	16	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1
Maximale turbofrequentie van processor	5,1 GHz	Aantal HDMI-poorten *	1
Prestatiekernen	6	HDMI versie	2.1
Efficiënte kernen	8	Aantal Thunderbolt 4-poorten	1
Performance-core Max Turbo Frequency	5,1 GHz		

<b>Processor</b>		<b>Poorten &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	3,8 GHz	Intel® Thunderbolt 4	✓
Prestatie-kernbasisfrequentie	2,3 GHz	Combo koptelefoon/microfoon port	✓
Efficiënte kernbasisfrequentie	1,8 GHz	USB Type-C DisplayPort alternatieve modus	✓
Processor cache	24 MB	USB Power Delivery	✓
Processor cache type	Smart Cache	<b>Toetsenbord</b>	
Processor basisvermogen	45 W	Aanwijsapparaat	Touchpad
Maximaal turbovermogen	115 W	Toetsenbordindeling	AZERTY
<b>Neural processor unit (NPU)</b>		Taal toetsenbord	Belgisch
Neurale verwerkingseenheid (NPU)	Intel AI Boost	Numeriek toetsenblok *	✗
Maximale frequentie NPU	1,4 GHz	Keyboard met achtergrondverlichting	✓
Sparsity-ondersteuning	✓	Kleur achtergrondverlichting van toetsenbord	RGB
Ondersteuning voor Windows Studio-effecten	✓	Zone met toetsenbordverlichting	1-zone RGB
AI-datatype ondersteuning op NPU	FP16, FP32, Int8	<b>Software</b>	
AI-softwareframeworks ondersteund door NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Architectuur besturingssysteem	64-bit
<b>Geheugen</b>		Trial-software	1-month trial for new Microsoft 365 customers. Credit card required.
Intern geheugen *	32 GB	Inclusief besturingssysteem *	Windows 11 Home
Intern geheugentype	LPDDR5x-SDRAM	Meegeleverde software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Kloksnelheid geheugen	7467 MHz	<b>Accu/Batterij</b>	
Geheugen form factor	On-board	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
Maximum intern geheugen *	32 GB	Aantal cellen in de batterij	4
Geheugen kanaal	Dubbelkanaals	Accu/Batterij capaciteit *	90 Wh
<b>Opslagmedia</b>		Snel opladen	✓
Totale opslagcapaciteit *	1 TB	Snelle oplaadtijd (50%)	30 min
Opslagmedia *	SSD	<b>Energie</b>	
Totale capaciteit SSD's	1 TB	AC-adapter, vermogen	240 W
Aantal geïnstalleerde SSD's	1	AC-adapterfrequentie	50 - 60 Hz
Solid State Drive (SSD) capaciteit	1 TB	AC-adapter ingangsspanning	100 - 240 V
Solid State Drive (SSD) interfaces	PCI Express 4.0	AC-adapter, uitgangsstroom	12 A
NVMe	✓	AC-adapter, uitgangsspanning	20 V
SSD-vormfactor	M.2	<b>Beveiliging</b>	
Soort optische drive *	✗	Gezichtsherkenning	✓
Geïntegreerde geheugenkaartlezer	✓	Windows Hello	✓
Compatibele geheugenkaarten	SD	Trusted Platform Module (TPM)	✓
<b>Grafisch</b>		Wachtwoordbeveiliging	✓
Fabrikant van aparte grafische adapter	NVIDIA	Password bescherming	BIOS, Gebruiker
Discreet grafische adapter model *	NVIDIA GeForce RTX 4080	<b>Gewicht en omvang</b>	
Discreet grafische adaptergeheugen	12 GB	Breedte	354 mm
		Diepte	246 mm
		Hoogte (voorzijde)	1,49 cm
		Hoogte (achterzijde)	1,74 cm
		Gewicht *	1,95 kg



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