



# ASUS ROG Zephyrus G16 GU603VI-N4015W Intel® Core™ i9 i9-13900H Laptop 40.6 cm (16") WQXGA 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0G33-M00300

Product name : GU603VI-N4015W



- 13th Gen Intel® Core™ i9-13900H Processor and an NVIDIA® GeForce RTX™ 4070 Laptop GPU with NVIDIA® Advanced Optimus and DLSS 3
  - a 240Hz/3ms QHD+ panel, featuring 16:10 aspect and 94% screen-to-body ratio
  - Game on the go with a 90Wh battery and support for up to 100W USB Type-C charging
  - Expandable storage, memory, and rich I/O connectivity including Thunderbolt™ 4
  - Liquid metal thermal compound, 84-blade Arc Flow Fans™, and targeted internal airflow
- Intel Core i9-13900H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit



Design		Ports & interfaces	
Colour name	Eclipse Gray	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Product colour *	Grey	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Gaming	HDMI version	2.1
Country of origin	China	Thunderbolt 4 ports quantity	1
Display		Intel® Thunderbolt 4	✓
Display diagonal *	40.6 cm (16")	Combo headphone/mic port	✓
Display resolution *	2560 x 1600 pixels	Power adapter barrel connector	6.0 mm
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	WQXGA	USB Power Delivery	✓
Panel type	IPS	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:10	Numeric keypad *	✗
Anti-glare screen	✓	Keyboard backlit	✓
Display brightness	500 cd/m <sup>2</sup>	Software	
RGB colour space	DCI-P3	Operating system architecture	64-bit
Colour gamut	100%	Operating system installed *	Windows 11 Home
Maximum refresh rate	240 Hz	Processor special features	
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i9	Intel VT-x with Extended Page Tables (EPT)	✓
Processor generation	13th gen Intel® Core™ i9	Intel Stable Image Platform Program (SIPP)	✓
Processor model *	i9-13900H	Execute Disable Bit	✓
Processor cores	14		
Processor boost frequency	5.4 GHz		
Processor cache	24 MB		
Configurable TDP-down	35 W		

<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	16 GB	CPU configuration (max)	1
Internal memory type	DDR4-SDRAM	Embedded options available	✗
Memory form factor	On-board	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 16 GB	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	48 GB		
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1		
SSD capacity	1 TB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	12 A
<b>Graphics</b>		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	<b>Security</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Cable lock slot	✓
Discrete graphics card memory	8 GB	Cable lock slot type	Kensington
Discrete graphics memory type	GDDR6	Windows Hello	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	Intel Iris Xe Graphics		
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio system	Dolby Atmos	Width	355 mm
Built-in microphone	✓	Depth	243 mm
<b>Camera</b>		Height (front)	1.99 cm
Front camera	✓	Height (rear)	2.23 cm
Front camera HD type	HD	Weight *	2 kg
Infrared (IR) camera	✓	<b>Packaging data</b>	
<b>Network</b>		Package width	95 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package depth	486 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package height	277 mm
Mobile network connection *	✗	Package weight	2.36 kg
Antenna type	2x2	<b>Logistics data</b>	
Ethernet LAN	✓	Commodity Classification	
Bluetooth	✓	Automated Tracking System (CCATS)	8471300000
Bluetooth version	5.3		



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