



# ASUS ROG GV601VV-NF001W Intel® Core™ i9 i9-13900H Hybrid (2-in-1) 40.6 cm (16") Touchscreen WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0D11-M00050

**Product name :** GV601VV-NF001W

- Windows 11 Home 64-bit  
 - Intel Core i9-13900H (24MB Cache)  
 - 39.6 cm (15.6") WQXGA 2560 x 1600 IPS Touch, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD  
 Intel Core i9-13900H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") WQXGA 2560 x 1600 IPS Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG GV601VV-NF001W. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i9, Processor model: i9-13900H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black

Design		Network	
Colour name	Black	Mobile network connection *	✗
Product type *	Hybrid (2-in-1)	Antenna type	2x2
Product colour *	Black	Bluetooth	✓
Form factor *	Convertible (Folder)	Bluetooth version	5.3
Market positioning	Gaming	Ports & interfaces	
Country of origin	China	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	2560 x 1600 pixels	HDMI version	2.1
Touchscreen *	✓	Thunderbolt 4 ports quantity	1
HD type	WQXGA	Intel® Thunderbolt 4	✓
Panel type	IPS	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Display surface	Gloss	USB Power Delivery	✓
RGB colour space	DCI-P3	ROG XG Mobile port	✓
Colour gamut	100%	Keyboard	
Maximum refresh rate	240 Hz	Pointing device	Touchpad
High Dynamic Range (HDR) supported	✓	Numeric keypad *	✗
High Dynamic Range (HDR) technology	Dolby Vision	Keyboard backlit	✓
Processor		Keyboard backlit colour	RGB
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i9	Operating system architecture	64-bit
Processor generation	13th gen Intel® Core™ i9	Operating system installed *	Windows 11 Home
Processor model *	i9-13900H	Processor special features	
Processor cores	14	Intel Flex Memory Access	✓
Processor boost frequency	5.4 GHz	Intel Trusted Execution Technology	✓
Processor cache	24 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	35 W	Intel Stable Image Platform Program (SIPP)	✓
Memory		Execute Disable Bit	✓
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Processor special features</b>	
Memory clock speed	4800 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✘
Memory layout (slots x size)	2 x 8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
<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
		AC adapter output voltage	20 V
<b>Graphics</b>		<b>Security</b>	
Discrete GPU manufacturer	NVIDIA	Windows Hello	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓		
On-board GPU manufacturer	Intel	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	355 mm
On-board graphics card model *	Intel Iris Xe Graphics	Depth	243 mm
		Height	21.9 mm
		Height (front)	1.94 cm
		Height (rear)	2.19 cm
		Weight *	2 kg
<b>Audio</b>		<b>Packaging data</b>	
Audio system	Dolby Atmos	Package width	90 mm
Number of built-in speakers	4	Package depth	465 mm
Built-in microphone	✓	Package height	335 mm
Number of microphones	3	Package weight	4.97 kg
<b>Camera</b>		<b>Logistics data</b>	
Front camera	✓	Commodity Classification	
Front camera HD type	Full HD	Automated Tracking System (CCATS)	8471300000
Infrared (IR) camera	✓		
<b>Network</b>			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		



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