



# ASUS ROG Flow X13 GV302XU-MU010W AMD Ryzen™ 9 7940HS Hybrid (2-in-1) 34 cm (13.4") Touchscreen WQXGA 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0E1-M000K0

**Product name :** GV302XU-MU010W

- AMD Ryzen 9 7940HS CPU
  - an NVIDIA GeForce RTX 4050 Laptop GPU with NVIDIA Advanced Optimus and DLSS 3
  - 13.4 inch QHD, 165Hz Nebula Display at 500 nits, both 16:10 and touchscreen displays
  - 75Wh battery and USB Type-C charging
  - liquid metal thermal compound on the CPU
  - Full support for the XG Mobile ecosystem, featuring up to an NVIDIA® GeForce RTX 4090 Laptop GPU
- AMD Ryzen 9 7940HS (16MB Cache, 4GHz), 16GB LPDDR5-SDRAM, 1000GB SSD, 34.0 cm (13.4") WQXGA 2560 x 1600 IPS Touch, AMD Radeon 780M, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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Game anywhere with the power and portability of the 2023 ROG Flow X13. Game your way with four distinct modes thanks to the fully convertible design. Powered by the latest AMD Ryzen 9 7940HS CPU and NVIDIA GeForce RTX 4050 Laptop GPU, the X13 offers immersive gaming experiences with QHD 165Hz Nebula Display.

Design		Audio	
Colour name	Off Black	Number of built-in speakers	2
Product type *	Hybrid (2-in-1)	Built-in microphone	✓
Product colour *	Black	Number of microphones	3
Form factor *	Convertible (Folder)	Camera	
Market positioning	Gaming	Front camera	✓
Introduction year	2023	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	34 cm (13.4")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✗
Display surface	Gloss	Bluetooth	✓
Display brightness	500 cd/m <sup>2</sup>	Bluetooth version	5.3
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Display response rise/fall	3 ms	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	165 Hz	USB4 Gen 2x2 ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Charging port type	USB Type-C
Processor family *	AMD Ryzen™ 9	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	7940HS	USB Power Delivery	✓
Processor cores	8		
Processor boost frequency	5.2 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor frequency *	4 GHz	ROG XG Mobile port	✓
Processor cache	16 MB	<b>Keyboard</b>	
Processor cache type	L3	Pointing device	Touchpad
<b>Memory</b>		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	LPDDR5-SDRAM	<b>Software</b>	
Memory form factor	On-board	Operating system architecture	64-bit
Maximum internal memory *	16 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	75 Wh
Total SSDs capacity	1 TB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	130 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	6.5 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Password protection	✓
Discrete graphics card memory	6 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	<b>Sustainability</b>	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	AMD	Sustainability certificates	ENERGY STAR
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	AMD Radeon 780M	Width	299 mm
NVIDIA G-SYNC	✓	Depth	212 mm
<b>Audio</b>		Height (front)	1.67 cm
Audio system	Dolby Atmos	Height (rear)	1.87 cm
		Weight *	1.3 kg



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