



# 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	Audio system	Dolby Atmos
Product type *	Hybrid (2-in-1)	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Convertible (Folder)	Number of microphones	3
Market positioning	Gaming	Camera	
Introduction year	2023	Front camera	✓
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		
Processor cores	8		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor boost frequency	5.2 GHz	USB Power Delivery	✓
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
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Home
Maximum internal memory *	16 GB	<b>Battery</b>	
Memory channels	Dual-channel	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	75 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	130 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	6.5 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Windows Hello	✓
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	<b>Sustainability</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Sustainability compliance	✓
Discrete graphics card memory	6 GB	Sustainability certificates	ENERGY STAR
Discrete graphics memory type	GDDR6	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✓	Width	299 mm
On-board GPU manufacturer	AMD	Depth	212 mm
Discrete graphics card *	✓	Height (front)	1.67 cm
On-board graphics card model *	AMD Radeon 780M	Height (rear)	1.87 cm
NVIDIA G-SYNC	✓	Weight *	1.3 kg



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