

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: 90NR0EI1-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 resolution	1920 x 1080 pixels
Display diagonal *	34 cm (13.4")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✓	Network	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	500 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	3 ms	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) supported	✓	USB4 Gen 2x2 ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Charging port type	USB Type-C
Processor generation	AMD Ryzen 7000 Series		
Processor model *	7940HS		

Processor		Ports & interfaces	
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.2 GHz	ROG XG Mobile port	✓
Processor frequency *	4 GHz		
Processor cache	16 MB		
Processor cache type	L3		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5-SDRAM	Numeric keypad *	✗
Memory form factor	On-board	Keyboard backlit	✓
Maximum internal memory *	16 GB		
Memory channels	Dual-channel		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Number of battery cells	4
Discrete graphics card memory	6 GB	Battery capacity *	75 Wh
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓		
On-board GPU manufacturer	AMD		
Discrete graphics card *	✓		
On-board graphics card model *	AMD Radeon 780M		
NVIDIA G-SYNC	✓		
		Power	
		AC adapter power	130 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	6.5 A
		AC adapter output voltage	20 V
		USB Power Delivery (USB PD) *	✓
		Security	
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR
		Weight & dimensions	
		Width	299 mm
		Depth	212 mm
		Height (front)	1.67 cm
		Height (rear)	1.87 cm
		Weight *	1.3 kg



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