

ASUS V16 V3607VU-RP038W laptop Intel Core 5 210H 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: V16

Product code: V3607VU-RP038W

Product name : V3607VU-RP038W



Intel Core 5 210H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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Game On, Create Smart

Ready to kickstart your imagination? Meet ASUS V16 — your all-access pass to unbounded worlds of gaming and creativity. It features a futuristic design with uber-cool details — like the Turbo Blue keyboard backlight — that make it stand out from the crowd. Equipped with an Intel® Core™ 5 processor and a GeForce RTX™ 40 Series Laptop GPU1, it delivers an immersive gaming experience with unparalleled performance and stunning graphics. Whether you're conquering virtual realms or unleashing your newfound creativity, ASUS V16 is your gateway to limitless possibilities.

Design		Graphics	
Colour name	Matte Black	On-board graphics card family	Intel® Graphics
Product type *	Laptop	On-board graphics card model *	Intel® Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	SonicMaster
Housing material	Plastic	Built-in microphone	✓
Market positioning	Home	Camera	
Introduction year	2025	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	WUXGA	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m²	Antenna type	2x2
RGB colour space	NTSC	Ethernet LAN	✗
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel Core (Series 2)	HDMI ports quantity *	1
Processor model *	210H	HDMI version	2.1
Processor cores	8	Combo headphone/mic port	✓
Processor threads	12	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.8 GHz		
Performance cores	4		
Efficient cores	4		
Efficient-core Max Turbo Frequency	3.6 GHz		
Performance-core base frequency	2.2 GHz		

Processor		Performance	
Efficient-core base frequency	1.6 GHz	Repairability index	8.8
Processor cache	12 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	45 W	Numeric keypad *	✓
Maximum turbo power	115 W	Keyboard backlit	✓
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	1 x 16 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	3
Maximum internal memory *	32 GB	Battery capacity *	63 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	150 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	9 A
SSD capacity	512 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	Certificates	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Compliance certificates	REACH
Discrete graphics card memory	6 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	357 mm
Discrete graphics card *	✓	Depth	250.7 mm
		Height (front)	1.8 cm
		Height (rear)	2.2 cm
		Weight *	1.95 kg
		Packaging content	
		AC adapter included *	✓



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