



ASUS ROG Strix G16 G614JV-N3075W Laptop 40.6 cm (16") Full HD+ Intel® Core™ i7 i7-13650HX 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0C61-M00600

Product name : G614JV-N3075W



- Windows 11 Home 64-bit
 - Intel Core i7-13650HX (24MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
 Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1TB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Strix G16 G614JV-N3075W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13650HX. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Audio	
Colour name	Eclipse Grey	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Introduction year	2023	Front camera HD type	HD
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD+	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
Display brightness	250 cd/m ²	Ports & interfaces	
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	165 Hz	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor generation	13th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	Power adapter barrel connector	6.0 mm
Processor model *	i7-13650HX		
Processor boost frequency	4.9 GHz		

Processor		Ports & interfaces	
Efficient-core boost frequency	3.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	14	USB Power Delivery	✓
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Bus type	DMI4	Keyboard layout	AZERTY
Configurable TDP-down	45 W	Numeric keypad *	✗
Processor base power	55 W	Keyboard backlit	✓
Maximum turbo power	157 W	Keyboard backlit colour	RGB
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	4800 MHz	Processor special features	
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	280 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	14 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Graphics		Sustainability	
Discrete GPU manufacturer	NVIDIA	Sustainability compliance	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Sustainability certificates	ENERGY STAR
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✓	Width	354 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	264 mm
Discrete graphics card memory	8 GB	Height (front)	2.26 cm
Discrete graphics memory type	GDDR6	Height (rear)	3.04 cm
		Weight *	2.5 kg



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