



ASUS ROG Strix G16 G614JV-N3153W Intel® Core™ i7 i7-13650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Green, Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0C62-M008V0

Product name : G614JV-N3153W

Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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RAISE YOUR GAME. CARRY YOUR SQUAD.

Draw more frames and win more games with the brand new Strix G16 and Windows 11 Home. Powered by up to a 13th Gen Intel® Core™ i7-13650HX Processor and an NVIDIA GeForce RTX 4060 Laptop GPU boasting a max TGP of 140W with Dynamic Boost, be ready to dominate the competition in all of the latest games. Backed up with a dedicated MUX Switch and NVIDIA Advanced Optimus support, the Strix G16 unlocks the true potential of its hardware. With PCIe Gen4x4 SSD storage and up to 32GB of 4800MHz DDR5 RAM, large game libraries and intense multitasking sessions are a breeze for this gaming machine.



Design		Network	
Colour name	Volt Green	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black, Green, Grey	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Market positioning	Gaming	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	WUXGA	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	1
Display brightness	250 cd/m ²	Intel® Thunderbolt 4	✓
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	100%	Charging port type	DC-in jack
Display response rise/fall	7 ms	Power adapter barrel connector	6.0 mm
Maximum refresh rate	165 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1	USB Power Delivery	✓
High Dynamic Range (HDR) supported	✓	Performance	
High Dynamic Range (HDR) technology	Dolby Vision	Motherboard chipset	Intel HM770 Express
Processor		Repairability index	8.6
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i7	Pointing device	Touchpad
Processor generation	13th gen Intel® Core™ i7	Numeric keypad *	✗
Processor model *	i7-13650HX		
Processor cores	14		

Processor		Keyboard	
Processor boost frequency	4.9 GHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard backlit colour	RGB
Bus type	DMI4	Keyboard backlit zone	4-zone RGB
Configurable TDP-down	45 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB		McAfee 30 days, Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.), 1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory type	DDR5-SDRAM	Trial software	
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	Processor special features	
Storage		Intel Flex Memory Access	✓
Total storage capacity *	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	1 TB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	1 TB	Intel Virtualization Technology (VT-x)	✓
SSD interface	PCI Express 4.0	Battery	
NVMe	✓	Battery technology	Lithium-Ion (Li-Ion)
SSD form factor	M.2	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	90 Wh
Card reader integrated	✗	Power	
Graphics		AC adapter power	280 W
Discrete GPU manufacturer	NVIDIA	AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter input voltage	100 - 240 V
Discrete graphics card memory	8 GB	AC adapter output current	14 A
Discrete graphics memory type	GDDR6	AC adapter output voltage	20 V
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card model *	Intel® UHD Graphics	Password protection type	BIOS, User
NVIDIA G-SYNC	✓	Sustainability	
Audio		Sustainability compliance	✓
Audio system	Dolby Atmos	Sustainability certificates	ENERGY STAR
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✓	Width	354 mm
Camera		Depth	264 mm
Front camera	✓	Height (front)	2.26 cm
Front camera resolution	1280 x 720 pixels	Height (rear)	3.04 cm
Front camera HD type	HD	Weight *	2.5 kg
Network		Packaging data	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package width	335 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package depth	106 mm
		Package height	420 mm
		Package weight	4.21 kg



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