

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%	Power adapter barrel connector	6.0 mm
Display response rise/fall	7 ms	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	165 Hz	USB Power Delivery	✓
Contrast ratio (typical)	1000:1	Performance	
High Dynamic Range (HDR) supported	✓	Motherboard chipset	Intel HM770 Express
High Dynamic Range (HDR) technology	Dolby Vision	Repairability index	8.6
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✗
Processor generation	13th gen Intel® Core™ i7	Keyboard backlight	✓
Processor model *	i7-13650HX		
Processor cores	14		

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



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