



Lenovo V14 G5 IRL Intel Core 5 220U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro English Black

Brand : Lenovo

Product family: V

Product code: 83GU00BWMH

Product name : V14 G5 IRL

- Windows 11 Pro 64-bit
- Intel Core 5 220U (12MB Cache)
- 14" Full HD 1920 x 1080 TN

- 16GB (5200MHz) DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core 5 220U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 14" Full HD 1920 x 1080 TN, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

Lenovo V14 G5 IRL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 220U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.37 kg



Design		Camera	
Colour name	Business Black	Privacy type	Privacy shutter
Product type *	Laptop	Network	
Product colour *	Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Mobile network connection *	✗
Certified refurbished	✗	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	35.6 cm (14")	Ethernet LAN data rates	1000,100 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.2
HD type	Full HD	WWAN	Not installed
Panel type	TN	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m ²	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	1.4b
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel SoC
Processor family *	Intel Core 5	Keyboard	
Processor generation	Intel Core (Series 2)	Pointing device	Touchpad
Processor model *	220U	Numeric keypad *	✗
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		

Processor		Keyboard	
Performance cores	2	Keyboard backlit	✗
Efficient cores	8	Spill-resistant keyboard	✓
Performance-core Max Turbo Frequency	5 GHz	Keyboard language	English
Efficient-core Max Turbo Frequency	3.8 GHz	Copilot key	✓
Performance-core base frequency	1.4 GHz	Software	
Efficient-core base frequency	0.9 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Operating system language	English, French, Dutch, German
Processor cache type	Smart Cache	Trial software	Office
Processor socket	BGA 1744	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Bundled software	Office Trial
Maximum turbo power	55 W	Battery	
Neural processor unit (NPU)		Battery technology	Lithium-Ion (Li-Ion)
Copilot+ PC	✗	Battery capacity *	47 Wh
Memory		Battery life (max)	9.3 h
Internal memory *	16 GB	Continuous video playback time (max)	11.4 h
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory clock speed	5200 MHz	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Memory channels	Dual-channel	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	65 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✗
SSD memory type	QLC	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	HDD, Power on, User
M.2 SSD size	2242 (22 x 42 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	5 - 35 °C
Card reader integrated	✗	Storage temperature (T-T)	5 - 43 °C
Graphics		Operating relative humidity (H-H)	8 - 95%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Maximum shipping altitude	3048 m
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Compliance certificates	RoHS
On-board graphics card family	Intel® Graphics	Certification	TÜV Rheinland Low Blue Light (Software Solution)
On-board graphics card model *	Intel® Graphics	Sustainability	
Audio		Sustainability certificates	ENERGY STAR, ErP
Audio chip	Senary SN6147	Weight & dimensions	
Spatial audio	✓	Width	324.2 mm
Number of built-in speakers	2	Depth	215.2 mm
Speaker power	1.5 W	Height	17.9 mm
Built-in microphone	✓	Weight *	1.37 kg
Number of microphones	2	Packaging content	
Camera		AC adapter included *	✓
Front camera	✓		
Front camera resolution	1280 x 720 pixels		
Front camera HD type	HD		
Privacy camera	✓		



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