



Lenovo IdeaPad Gaming 3 Intel® Core™ i5 i5-12450H
Computadora portátil 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM
512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Español
Gris

Marca : Lenovo

Familia de productos:
IdeaPad

Código del producto:
82S90168LM

Nombre del producto :
Gaming 3



- No OS
- Intel Core i5-12450H (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 8GB (3200MHz) DDR4-SDRAM (1 x 8) & 512GB SSD
Intel Core i5-12450H (12MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, No OS
Lenovo IdeaPad Gaming 3. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-12450H. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Píxeles. Memoria interna: 8 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 3050. Color del producto: Gris. Peso: 2.31 kg

Design		Audio	
Colour name	Onyx Grey	Built-in microphone	✓
Product type *	Laptop	Number of microphones	2
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
Display		Privacy camera	✓
Display diagonal *	39.6 cm (15.6")	Privacy type	Privacy shutter
Display resolution *	1920 x 1080 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	Full HD	Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:9	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	100,1000 Mbit/s
Display brightness	250 cd/m²	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.1
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	800:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.0
Processor family *	Intel® Core™ i5	Thunderbolt 4 ports quantity	1
Processor generation	12th gen Intel® Core™ i5	Intel® Thunderbolt 4	✓
Processor model *	i5-12450H		
Processor cores	8		
Processor threads	12		

Processor		Ports & interfaces	
Processor boost frequency	4.4 GHz	Combo headphone/mic port	✓
Performance cores	4	Performance	
Efficient cores	4	Motherboard chipset	Intel SoC
Performance-core Max Turbo Frequency	4.4 GHz	Keyboard	
Efficient-core Max Turbo Frequency	3.3 GHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	45 W	Keyboard language	Spanish
Maximum turbo power	95 W	Software	
Memory		Operating system installed *	✗
Internal memory *	8 GB	Battery	
Internal memory type	DDR4-SDRAM	Battery technology	Lithium Polymer (LiPo)
Memory clock speed	3200 MHz	Battery capacity *	45 Wh
Memory form factor	SO-DIMM	Battery life (max)	4.4 h
Memory layout (slots x size)	1 x 8 GB	Continuous video playback time	5.4 h
Memory slots	2x SO-DIMM	Fast charging	✓
Maximum internal memory *	16 GB	Power	
Memory channels	Dual-channel	AC adapter power	135 W
Storage		AC adapter frequency	50/60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Fingerprint reader	✗
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on, Supervisor
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 40 °C
Card reader integrated	✗	Storage temperature (T-T)	-20 - 60 °C
Graphics		Operating relative humidity (H-H)	0 - 90%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	20 - 90%
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Maximum shipping altitude	3048 m
Discrete graphics card memory	4 GB	Certificates	
Discrete graphics memory type	GDDR6	Compliance certificates	RoHS
On-board graphics card *	✓	Certification	ErP Lot 3
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✓	Sustainability compliance	✓
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	359.6 mm
Audio		Depth	266.4 mm
Audio chip	Realtek ALC3287	Height	21.8 mm
Audio system	Nahimic Audio	Weight *	2.31 kg
Number of built-in speakers	2	Packaging data	
Speaker power	2 W	Package width	551 mm
		Package depth	349 mm
		Package height	85 mm



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