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 Pixeles. 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

Colour name	Onyx Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)
Market positioning	Gaming

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✖
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	250 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	120 Hz
Contrast ratio (typical)	800:1

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12450H
Processor cores	8
Processor threads	12

Audio

Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Mobile network connection *	✖
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔

Processor

Processor boost frequency	4.4 GHz
Performance cores	4
Efficient cores	4
Performance-core Max Turbo Frequency	4.4 GHz
Efficient-core Max Turbo Frequency	3.3 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	45 W
Maximum turbo power	95 W

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio chip	Realtek ALC3287
Audio system	Nahimic Audio
Number of built-in speakers	2
Speaker power	2 W

Ports & interfaces

Combo headphone/mic port	✔

Performance

Motherboard chipset	Intel SoC

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard language	Spanish

Software

Operating system installed *	✘

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	45 Wh
Battery life (max)	4.4 h
Continuous video playback time	5.4 h
Fast charging	✔

Power

AC adapter power	135 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V

Security

Fingerprint reader	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, Power on, Supervisor

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	0 - 90%
Storage relative humidity (H-H)	20 - 90%
Maximum shipping altitude	3048 m

Certificates

Compliance certificates	RoHS
Certification	ErP Lot 3

Sustainability

Sustainability compliance	✔

Weight & dimensions

Width	359.6 mm
Depth	266.4 mm
Height	21.8 mm
Weight *	2.31 kg

Packaging data

Package width	551 mm
Package depth	349 mm
Package height	85 mm

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