Lenovo

Lenovo IdeaPad Gaming 3 Intel® Core™ i5 i5-12450H Computadora portátil 40.6 cm (16") WUXGA 8 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Español Gris

Marca : Lenovo

Familia de productos:
IdeaPad

Código del producto:
82SA00FLLM

Nombre del producto :
Gaming 3

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: 40.6 cm (16"), Tipo HD: WUXGA, Resolución de la pantalla: 1920 x 1200 Pixeles. Memoria interna: 8 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 3050 Ti. Sistema operativo instalado: Windows 11 Home. Color del producto: Gris

intel

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 *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	350 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12450H
Processor cores	8
Processor boost frequency	4.4 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W

Memory

Internal memory *	8 GB

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	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
WWAN	Not installed

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
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Motherboard chipset	Intel SoC

Keyboard

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

Software

Operating system architecture	64-bit
Operating system language	Spanish
Operating system installed *	Windows 11 Home

Memory

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 *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
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 Ti
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
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Privacy camera	✔
Privacy type	Privacy shutter

Processor special features

Intel Flex Memory Access	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	71 Wh
Battery life (max)	7 h
Continuous video playback time	10 h

Power

AC adapter power	135 W
USB Power Delivery (USB PD)	✔

Security

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

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

Weight & dimensions

Width	359.6 mm
Depth	277.8 mm
Height	20.9 mm
Weight *	2.6 kg

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