



**Lenovo IdeaPad Gaming 3 Intel® Core™ i5 i5-12500H**  
**Computadora portátil 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM**  
**512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax)**  
**Windows 11 Home Inglés de EE.UU. Gris**

**Marca :** Lenovo

**Familia de productos:**  
IdeaPad

**Código del producto:**  
82S900H6US

**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: i5-12500H. 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 Iris Xe Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 3050 Ti. Sistema operativo instalado: Windows 11 Home. Color del producto: Gris



intel



intel

Design		Network	
Colour name	Onyx Grey	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	100,1000 Mbit/s
Product colour *	Grey	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.1
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Ports & interfaces	
Market positioning	Gaming	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	39.6 cm (15.6")	HDMI ports quantity *	1
Display resolution *	1920 x 1080 pixels	HDMI version	2.0
Touchscreen *	✗	Thunderbolt 4 ports quantity	1
HD type	Full HD	Intel® Thunderbolt 4	✓
Panel type	IPS	Combo headphone/mic port	✓
LED backlight	✓	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:9	Performance	
Anti-glare screen	✓	Motherboard chipset	Intel SoC
Display brightness	250 cd/m²	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	120 Hz	Keyboard backlit	✓
Contrast ratio (typical)	800:1	Keyboard language	US English
Processor		Software	
Processor manufacturer *	Intel	Operating system language	English
Processor family *	Intel® Core™ i5	Trial software	Office Trial
Processor generation	12th gen Intel® Core™ i5	Operating system installed *	Windows 11 Home
Processor model *	i5-12500H		
Processor cores	12		
Processor boost frequency	4.5 GHz		

Processor		Processor special features	
Processor cache	18 MB	Intel Flex Memory Access	✓
Configurable TDP-down	35 W	Intel Trusted Execution Technology	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory clock speed	3200 MHz	Embedded options available	✗
Memory form factor	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 8 GB	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	16 GB	Battery technology	Lithium Polymer (LiPo)
Memory channels	Dual-channel	Battery capacity *	45 Wh
Storage		Battery life (max)	4.4 h
Total storage capacity *	512 GB	Continuous video playback time	5.4 h
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	170 W
SSD capacity	512 GB	AC adapter frequency	50/60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Fingerprint reader	✗
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Password protection type	BIOS, Power on, Supervisor
Discrete graphics card memory	4 GB	Operational conditions	
Discrete graphics memory type	GDDR6	Operating temperature (T-T)	0 - 40 °C
On-board graphics card *	✓	Storage temperature (T-T)	-20 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	0 - 90%
Discrete graphics card *	✓	Storage relative humidity (H-H)	20 - 90%
On-board graphics card model *	Intel Iris Xe Graphics	Maximum shipping altitude	3048 m
Audio		Certificates	
Audio chip	Realtek ALC3287	Compliance certificates	RoHS
Audio system	Nahimic Audio	Certification	ErP Lot 3
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2 W	Width	359.6 mm
Built-in microphone	✓	Depth	266.4 mm
Number of microphones	2	Height	21.8 mm
Camera		Weight *	2.31 kg
Front camera	✓	Packaging data	
Front camera resolution	1280 x 720 pixels	Package width	551 mm
Front camera HD type	HD	Package depth	349 mm
Privacy camera	✓	Package height	85 mm
Privacy type	Privacy shutter	Network	
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		



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