



**Lenovo Legion S7 Intel® Core™ i9 i9-12900H Computadora portátil 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6E (802.11ax) Windows 11 Home Español Gris**

**Marca :** Lenovo **Familia de productos:** Legion **Código del producto:** 82TF009PLM

**Nombre del producto :** S7

- Windows 11 Home  
- Intel Core i9-12900H (24MB Cache)  
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 3070 (8GB GDDR6)  
- 16GB (4800MHz) DDR5-SDRAM & 1000GB SSD  
Intel Core i9-12900H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home  
Lenovo Legion S7. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i9, Modelo del procesador: i9-12900H. Diagonal de la pantalla: 40.6 cm (16"), Tipo HD: WQXGA, Resolución de la pantalla: 2560 x 1600 Píxeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel Iris Xe Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 3070. Sistema operativo instalado: Windows 11 Home. Color del producto: Gris



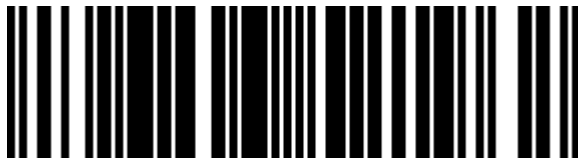
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Design		Camera	
Colour name	Onyx Grey	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Privacy camera	✓
Housing material	Aluminium	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Antenna type	2x2
Panel type	IPS	WLAN controller model	Killer Wi-Fi 6E AX1690i
LED backlight	✓	WLAN controller manufacturer	Killer
Native aspect ratio	16:10	Ethernet LAN	✗
Anti-glare screen	✓	Bluetooth	✓
Display brightness	500 cd/m²	Bluetooth version	5.1
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Contrast ratio (typical)	1200:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	DisplayHDR 400, Dolby Vision	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i9	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i9		
Processor model *	i9-12900H		

Processor	
Processor cores	14
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	45 W
Maximum turbo power	115 W
Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	On-board + SO-DIMM
Memory slots	1x SO-DIMM
Maximum internal memory *	24 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	✓
Compatible memory cards	MMC, SD, SDHC, SDXC
Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics
NVIDIA G-SYNC	✓
Audio	
Audio chip	Realtek ALC3306
Audio system	Nahimic Audio
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓
Number of microphones	2
Ports & interfaces	
USB Type-C DisplayPort Alternate Mode	✓
USB Sleep-and-Charge	✓
USB Sleep-and-Charge ports	1
Performance	
Motherboard chipset	Intel SoC
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Spill-resistant keyboard	✓
Keyboard language	Spanish
Software	
Operating system language	Spanish
Operating system installed *	Windows 11 Home
Bundled software	Office Trial
Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	71 Wh
Battery life (max)	6.4 h
Continuous video playback time	7.8 h
Fast charging	✓
Fast charging time (50%)	30 min
Power	
AC adapter power	230 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✓
Security	
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Password protection	✓
Password protection type	HDD, Power on, Supervisor
Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m
Certificates	
Compliance certificates	RoHS
Certification	TÜV
Sustainability	
Sustainability certificates	ErP
Weight & dimensions	
Width	357.7 mm
Depth	260 mm
Height	16.9 mm
Weight *	2.17 kg



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