



# Lenovo Legion T7 Intel® Core™ i9 i9-13900KF 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Windows 11 Home Tower PC Grey

**Brand :** Lenovo

**Product family:** Legion

**Product code:** 90V70017UK

**Product name :** T7

- Windows 11 Home
- Intel Core i9-13900KF (36MB Cache)
- NVIDIA GeForce RTX 4080 (16GB GDDR6X)
- 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core i9-13900KF (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, NVIDIA GeForce RTX 4080 (16GB GDDR6X), LAN, WLAN, Bluetooth, Windows 11 Home

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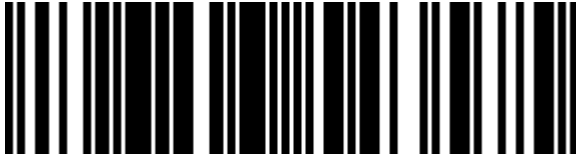
## Unleash the beast of Legion.

Unleash the beast at the head of the Legion: The Legion Tower 7i, built for extreme power and performance with 13th Gen Intel® Core™ desktop processors and NVIDIA® GeForce RTX™ 40 Series graphics. A larger VRM heatsink, higher Vcore and an enmeshed front bezel enhance airflow and cooling in an all-new chassis design with a toolless glass side panel to show off your shiny internals.



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	13th gen Intel® Core™ i9	Ethernet LAN (RJ-45) ports	1
Processor model *	i9-13900KF	Microphone in	✓
Processor cores	24	Headphone outputs	1
Processor threads	32	Expansion slots	
Performance cores	8	PCI Express x1 (Gen 3.x) slots	1
Efficient cores	16	PCI Express x16 (Gen 4.x) slots	1
Performance-core base frequency	3 GHz	PCI Express x16 (Gen 5.x) slots	1
Efficient-core base frequency	2.2 GHz	Design	
Performance-core boost frequency	5.4 GHz	Chassis type *	Tower
Efficient-core boost frequency	4.3 GHz	Volume	34 L
Processor cache	36 MB	Placement supported	Vertical
Bus type	DMI4	Product colour *	Grey
Number of processors installed	1	Viewing window	✓
Memory		Performance	
Internal memory *	32 GB	Motherboard chipset	Intel Z790
Maximum internal memory *	64 GB	Audio chip	Realtek ALC897
Internal memory type	DDR5-SDRAM	Audio system	High Definition Audio
Memory layout (slots x size)	2 x 16 GB	Password protection	✓
Memory clock speed	5600 MHz	Password protection type	Supervisor, HDD
Memory channels	Dual-channel	Trusted Platform Module (TPM)	✓
Storage		Product type *	PC
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Home
Optical drive type *	✗	Operating system language	English
Total SSDs capacity	1 TB		
Number of SSDs installed	1		

<b>Storage</b>		<b>Processor special features</b>	
SSD capacity	1 TB	Intel 64	✓
SSD interface	PCI Express 4.0	Enhanced Intel SpeedStep Technology	✓
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel VT-x with Extended Page Tables (EPT)	✓
Card reader integrated	✗	Idle States	✓
<b>Graphics</b>		Execute Disable Bit	✓
Discrete graphics card *	✓	CPU configuration (max)	1
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4080	<b>Power</b>	
Discrete graphics card memory	16 GB	Power supply *	850 W
Discrete graphics memory type	GDDR6X	Power supply input voltage	100 - 240 V
On-board graphics card model *	Not available	<b>Certificates</b>	
Graphics card HDMI ports quantity	1	Compliance certificates	RoHS
Graphics card DisplayPorts quantity	3	<b>Sustainability</b>	
<b>Network</b>		Sustainability certificates	ErP
Ethernet LAN *	✓	<b>Weight &amp; dimensions</b>	
Ethernet LAN data rates	2500 Mbit/s	Width *	211 mm
LAN controller	Realtek RTL8125-BG	Depth *	464 mm
Wi-Fi *	✓	Height *	494 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight *	17 kg
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package width	318 mm
Antenna type	2x2	Package depth	580 mm
Bluetooth	✓	Package height	625 mm
Bluetooth version	5.3	Package weight	19 kg
<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
USB 2.0 ports quantity *	4	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Mouse included	✗
		Keyboard included	✗



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