

Lenovo Legion T7 34IMZ5 90Q8001LGE

Product

Lenovo Legion T7 34IMZ5

Region

WE

Country/Region

Germany

Machine Type

90Q8

Processor

Intel Core i9-10900K (10C / 20T, 3.7 / 5.3GHz, 20MB)

Graphics

NVIDIA GeForce RTX 2080 SUPER 8GB GDDR6

Chipset

Intel Z490

Memory

4x 16GB UDIMM ARMOR DDR4-3200

Storage

2x 1TB SSD M.2 2280 PCIe 3.0 NVMe

Optane Memory

None

Optional Bay

Optional 2.5" bay

Optical

None

Ethernet

Integrated 100/1000M

Card Reader

None

Carry Handle

Carry Handle

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Case Color

Black

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

3x Front ARGB + 1x Rear ARGB + 2x Top ARGB

Chassis Cover

Normal side cover + Inner decorate cover

System Lighting

OY Light Blue + Internal Ambient Lighting

Cooler

150W Airflow with RGB light

Power Supply

650W 90% Energy Star

Additional Certificates

ENERGY STAR 8.0

Operating System

Windows 10 Home 64, German

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

3Y Premium Care with Onsite upgrade from 2Y Depot/CCI (5WS0T73719)

EAN / UPC / JAN

195235584613

End of Support

2026-07-15

Announce Date

2020-07-04



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Lenovo Legion T7 34IMZ5 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Gen Intel® Core™ i5 / i7/ i9 Processor						Audio support	7.1 channel surround sound, Realtek ALC892 / Dolby Atmos® Audio
	Processor	Cores / Threads	Frequency Base/Max	L3 Cache	Memory Support (Up to)	Processor Graphics*	WLAN	11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2
	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630	Bluetooth™ (opt)	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	-	Ethernet	One gigabit ethernet port
	Core i7-10700K	8 / 16	3.8 / 5.1 GHz	16 MB	DDR4-2933	UHD 630	Modem	None
	Core i7-10700KF	8 / 16	3.8 / 5.1 GHz	16 MB	DDR4-2933	-	Security features	Power-on password, administrator password, Firmware TPM2.0
	Core i9-10900KF	10 / 20	3.7 / 5.3 GHz	20 MB	DDR4-2933	-	Keyboard	<i>some:</i> Lenovo Calliope Keyboard (USB connector), black <i>some:</i> Lenovo KG622U Keyboard (USB connector), black
	Core i9-10900K	10 / 20	3.7 / 5.3 GHz	20 MB	DDR4-2933	UHD 630	Mouse	<i>some:</i> Lenovo Calliope Mouse (USB connector), black <i>some:</i> Lenovo MG627U Mouse (USB connector), black
* Intel UHD Graphics 630 in processor is disabled							Mechanical	• Tower (34L), Raven Black, metal case with transparent cover • (WxDxH) with bezel: 8.3" x 17.7" x 19"; 211mm x 450mm x 483mm • Staring at 27.6 lb (12.5 kg), weight may vary by configuration • Cooler <i>Some:</i> 150W side flow Air-Cooler with ARGB light <i>Some:</i> 200W Liquid-Cooler with ARGB light and two top fans with ARGB light • Front panel Legion OY light(Blue), optional ARGB cooler light and ARGB system fan light Bay 1: 2x 3.5", HDD bay Bay 2: 4x 2.5", HDD bay Slot 1: 2x PCIe 3.0 x16 Slot 2: 3x PCIe 3.0 x1 M.2 card slots: one for WLAN, two for SSD
Memory	128GB max, DDR4-2933, four 288-pin UDIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Power supply	<i>Some:</i> 550 watts, 88% PSU <i>Some:</i> 650 watts, 90% PSU
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s						Limited warranty	1-year or 2-year, depot repair service / service upgrades available
Optical (opt)	USB DVD Burner (DVD±RW), External, 9.0mm high						Preload	Preloaded operating system <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed) • Microsoft® Office trial • Lenovo® Vantage • Lenovo PC Manager • McAfee® LiveSafe™ • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2GO (DVD±RW)
Onboard SATA	Six onboard SATA 6.0Gb/s connectors, RAID 0/1/5/10 support						Environment	ENERGY STAR® 8.0(On some MTs); ErP Lot 3; RoHS-compliant (RoHS 2.0)
Media reader	None							
Graphics	<i>Some:</i> NVIDIA® GeForce® RTX™ 2080 SUPER , 8GB GDDR6, DirectX 12, VR ready, one HDMI, three DisplayPort™; Max resolution: 7680x4320 (DP)@60Hz <i>Some:</i> NVIDIA GeForce RTX 2070 SUPER , 8GB GDDR6, DirectX 12, VR ready, one HDMI, USB Type-C, three DP; Max resolution: 7680x4320 (DP)@60Hz <i>Some:</i> NVIDIA GeForce RTX 2070 , 8GB GDDR6, DirectX 12, VR ready, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz <i>Some:</i> NVIDIA GeForce RTX 2060 , 6GB GDDR6, DirectX 12 one DVI, one HDMI, three DP Max resolution: 7680x4320 (DP)@60Hz <i>Some:</i> AMD Radeon™ RX 5700XT , 8GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz							
Chipset	Intel Z490 platform							
Top ports*	One microphone, one headphone, two USB 3.2 Gen1, two USB 2.0							
Rear ports*	Four USB 2.0, two USB 3.2 Gen1, one USB 3.2 Gen2, one USB 3.2 Type-C Gen2, one ethernet (RJ-45), power connector							
Rear audio ports	One side surround output(grey), one rear surround output(black), one centre and subwoofer combine output(orange), one microphone in(pink), one line out/one front output(green), one line in(blue)							
IEEE 1394	None							
* Depending on many factors, actual data transfer speed may be lower than theoretical speed								

Note: The specifications above may not be available in all regions and might change by regions

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