

Lenovo Legion T7 34IMZ5 90Q8002QGE

Product

Lenovo Legion T7 34IMZ5

Region

WE

Country/Region

Germany

Machine Type

90Q8

Processor

Intel Core i7-10700K (8C / 16T, 3.8 / 5.1GHz, 16MB)

Graphics

NVIDIA GeForce RTX 3080 10GB GDDR6

Chipset

Intel Z490

Memory

2x 16GB UDIMM ARMOR DDR4-3200

Storage

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

Chassis Cover

Normal side cover + Inner decorate cover

System Lighting

OY Light Blue + Internal Ambient Lighting

Cooler

170W Liquid with RGB light

Power Supply

850W 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

None

EAN / UPC / JAN

195348163903

End of Support

2026-07-15

Announce Date

2020-09-18



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

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

Lenovo, July 2020

Lenovo™

Lenovo Legion T7 34IMZ5

