

Lenovo Legion T5 28IMB05 90NC00GPGE

Product

Lenovo Legion T5 28IMB05

Region

WE

Country/Region

Germany

Machine Type

90NC

Processor

Intel Core i7-10700 (8C / 16T, 2.9 / 4.8GHz, 16MB)

Graphics

NVIDIA GeForce RTX 2070 SUPER 8GB GDDR6

Chipset

Intel B460

Memory

2x 16GB UDIMM DDR4-2933

Storage

1TB SSD M.2 2280 NVMe + 1TB HDD 7200rpm 3.5"

Optane Memory

None

Optional Bay

None

Optical

None

Ethernet

Integrated 100/1000M

Media Reader

None

Carry Handle

Carry Handle

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Color

Black

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

Front + Rear for Airflow

Chassis Cover

Transparent

Lighting

Internal ambient lighting

Cooler

65W Airflow

Power Supply

650W 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

195235584514

End of Support

2026-04-24

Announce Date

2020-05-18



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Lenovo Legion T5 28IMB05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Gen Intel® Core™ i5 / i7/ i9 Processor						Front ports*	One headphone / microphone combo jack (3.5mm), two USB 3.2 Gen1
	Processor	Cores / Threads	Frequency Base/Max	L3 Cache	Memory Support (Up to)	Processor Graphics*	Rear ports*	Two USB 2.0, two USB 3.2 Gen1, one USB 3.2 Type-C Gen1, one ethernet (RJ-45), power connector
	Core i5-10400	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	UHD 630	Rear audio ports	Three line-out (3.5mm)
	Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	-	IEEE 1394	None
	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630	* Depending on many factors, actual data transfer speed may be lower than theoretical speed	
	Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	-	Audio support	High Definition (HD) Audio, Realtek ALC887 / Dolby Atmos® Audio
	Core i7-10700K	8 / 16	3.8 / 5.1 GHz	16 MB	DDR4-2933	UHD 630	WLAN (opt)	some: 11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2 some: 11ac Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2
	Core i9-10900	10 / 20	2.8 / 5.2 GHz	20 MB	DDR4-2933	UHD 630	Bluetooth™ (opt)	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Core i9-10900F	10 / 20	2.8 / 5.2 GHz	20 MB	DDR4-2933	-	Ethernet	One gigabit ethernet port
	Core i9-10900K	10 / 20	3.7 / 5.3 GHz	20 MB	DDR4-2933	UHD 630	Modem	None
	* Intel UHD Graphics 630 in processor is disabled						Security features	Power-on password, administrator password, Firmware TPM2.0
Memory	128GB max, DDR4-2933 or DDR4-3200*, four 288-pin DIMM sockets, dual-channel capable * Memory module is DDR4-2933 or DDR4-3200, but run at DDR4-2666 or DDR4-2933 due to processor limitation						Keyboard	some: Lenovo Calliope Keyboard (USB connector), black some: Lenovo Gaming Keyboard (USB connector), black
							Mouse	some: Lenovo Calliope Mouse (USB connector), black some: Lenovo Gaming Mouse (USB connector), black
Storage	Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s Some: Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4						Mechanical	● Tower (28L), phantom black, metal case with metal cover or transparent cover ● (WxDxH) with bezel: 7.26" x 17.94" x 17.99"; 184.5mm x 455.8mm x 457mm ● Approx 30.86 lb (14 kg), weight may vary by configuration ● Optional front system fan, rear system fan for airflow or liquid ● 65W Air-Cooler, 95W Air-Cooler, 150W Air-Cooler or 150W Liquid-Cooler ● Front panel light, optional ARGB cooler light and ARGB system fan light Bay 1: 3.5", external, HDD bay Bay 2: 3.5", external, HDD bay Slot 1: PCIe 3.0 x16 Slot 2: PCIe 3.0 x4 Slot 3: PCIe 3.0 x1 Slot 4: PCIe 3.0 x1 M.2 card slots: one for WLAN, two for SSD / Optane
Optical (opt)	USB DVD Burner (DVD±RW), External, 9.0mm high						Power supply	Some: 350 watts, 85% PSU Some: 400 watts, 90% PSU Some: 650 watts, 90% PSU
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, RAID 0/1/5 support						Limited warranty	1-year or 2-year, depot repair service / service upgrades available
Media reader	None						Preload	Preloaded operating system Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed) ● Microsoft® Office ● Lenovo® Vantage ● Lenovo Nerve Center ● McAfee® LiveSafe™ ● Cyberlink PowerDVD (DVD±RW) ● Cyberlink Power2GO (DVD±RW)
Graphics	Some: NVIDIA® GeForce® RTX™ 2080 SUPER, 8GB GDDR6, DirectX 12, VR ready, one HDMI, three DisplayPort™; Max resolution: 7680x4320 (DP)@60Hz Some: NVIDIA GeForce RTX 2070 SUPER, 8GB GDDR6, DirectX 12, VR ready, one HDMI, USB Type-C, three DP; Max resolution: 7680x4320 (DP)@60Hz Some: NVIDIA GeForce RTX 2070, 8GB GDDR6, DirectX 12, VR ready, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz Some: NVIDIA GeForce RTX 2060, 6GB GDDR6, DirectX 12, one DVI, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz Some: NVIDIA GeForce GTX 1660 SUPER, 6GB GDDR6, DirectX 12, one DVI, one HDMI, one DP; Max resolution: 7680x4320 (DP)@60Hz Some: NVIDIA GeForce GTX 1650 SUPER, 4GB GDDR6, DirectX 12, one HDMI, two DP; Max resolution: 7680x4320 (DP)@60Hz Some: AMD Radeon™ RX 5700XT, 8GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz; Some: AMD Radeon RX 5500, 4GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz;						Environment	ENERGY STAR® 8.0; ErP Lot 3; RoHS-compliant (RoHS 2.0)
Chipset	Intel B460 platform							

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

Lenovo, November 2020

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