

Lenovo Legion T5 28IMB05 90NC00ANGE

Product

Lenovo Legion T5 28IMB05

Region

WE

Country/Region

Germany

Machine Type

90NC

Processor

Intel Core i9-10900 (10C / 20T, 2.8 / 5.2GHz, 20MB)

Graphics

NVIDIA GeForce RTX 2070 8GB GDDR6

Chipset

Intel B460

Memory

2x 16GB UDIMM DDR4-2933

Storage

1TB SSD M.2 2280 NVMe

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

Operating System

Windows 10 Home 64, German

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042550382

End of Support

N/A

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* Rear ports* Rear audio ports IEEE 1394	One headphone / microphone combo jack (3.5mm), two USB 3.2 Gen1 Two USB 2.0, two USB 3.2 Gen1, one USB 3.2 Type-C Gen1, one ethernet (RJ-45), power connector Three line-out (3.5mm) None <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Processor	Cores / Threads	Frequency Base/Max	L3 Cache	Memory Support (Up to)	Processor Graphics*	Audio support	High Definition (HD) Audio, Realtek ALC887 / Dolby Atmos® Audio
	Core i5-10400	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	UHD 630	WLAN (opt)	<i>some:</i> 11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2 <i>some:</i> 11ac Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2
	Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	-	Bluetooth™ (opt)	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630	Ethernet	One gigabit ethernet port
	Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	-	Modem	None
	Core i7-10700K	8 / 16	3.8 / 5.1 GHz	16 MB	DDR4-2933	UHD 630	Security features	Power-on password, administrator password, Firmware TPM2.0
	Core i9-10900	10 / 20	2.8 / 5.2 GHz	20 MB	DDR4-2933	UHD 630	Keyboard	<i>some:</i> Lenovo Calliope Keyboard (USB connector), black <i>some:</i> Lenovo Gaming Keyboard (USB connector), black
	Core i9-10900F	10 / 20	2.8 / 5.2 GHz	20 MB	DDR4-2933	-	Mouse	<i>some:</i> Lenovo Calliope Mouse (USB connector), black <i>some:</i> Lenovo Gaming Mouse (USB connector), black
	Core i9-10900K	10 / 20	3.7 / 5.3 GHz	20 MB	DDR4-2933	UHD 630	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
* Intel UHD Graphics 630 in processor is disabled							Power supply	<i>Some:</i> 350 watts, 85% PSU <i>Some:</i> 400 watts, 90% PSU <i>Some:</i> 650 watts, 90% PSU
Memory	128GB max, DDR4-2933*, four 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Limited warranty	1-year or 2-year, depot repair service / service upgrades available
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 <i>Some:</i> Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4						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 ● Lenovo® Vantage ● Lenovo Nerve Center ● McAfee® LiveSafe™ ● Cyberlink PowerDVD (DVD±RW) ● Cyberlink Power2GO (DVD±RW)
Optical (opt)	USB DVD Burner (DVD±RW), External, 9.0mm high						Environment	ENERGY STAR® 8.0; ErP Lot 3; RoHS-compliant (RoHS 2.0)
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, RAID 0/1/5 support							
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> NVIDIA GeForce GTX 1660 SUPER, 6GB GDDR6, DirectX 12, one DVI, one HDMI, one DP; Max resolution: 7680x4320 (DP)@60Hz <i>Some:</i> NVIDIA GeForce GTX 1650 SUPER, 4GB GDDR6, DirectX 12, one HDMI, two 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; <i>Some:</i> AMD Radeon RX 5500, 4GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 7680x4320 (DP)@60Hz;							
Chipset	Intel B460 platform							

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