Lenovo Legion T530-28ICB Platform Specifications

Processor

8th and 9th Gen Intel® Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630
Core i5-9400	6 / 6	2.9G / 4.1G	9MB	DDR4-2666	UHD 630
Core i5-9400F	6 / 6	2.9G / 4.1G	9MB	DDR4-2666	-
Core i7-9700	8 / 8	3.0G / 4.7G	12MB	DDR4-2666	UHD 630
Core i7-9700F	8 / 8	3.0G / 4.7G	12MB	DDR4-2666	-
Core i9-9900	8 / 16	3.1G / 5.0G	16MB	DDR4-2666	UHD 630

Memory

32GB max, UDIMM, DDR4-2666, two 288-pin DIMM sockets
* System automatically clocks down for the processors with lower memory controller

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, PCIe 3.0 x4, 32Gb/s, M.2
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Optical *(opt)*: DVD Burner (DVD±RW), slim, 9.0mm high
Onboard SATA: Three onboard SATA 6.0Gb/s connectors
Media reader: None

Graphics

Intel UHD Graphics 630 in processor, one HDMI, uses main memory, DirectX® 12;
Some: **NVIDIA® GeForce GTX 1050 Ti**, **4GB GDDR5**, DirectX 12, one DVI, one HDMI, one DP; *Max resolution:* 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz
Some: **NVIDIA GeForce GTX 1050**, **2GB GDDR5**, DirectX 12, one DVI, one HDMI, one DP; *Max resolution:* 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz
Some: **NVIDIA GeForce GTX 1060**, **3GB or 6GB GDDR5**, DirectX 12, VR ready, one DVI, one HDMI, three DP; *Max resolution:* 4096x2160 (HDMI)@60Hz; 5120x3200 (DP)@60Hz; 2560x1600 (DVI)@60Hz
Some: **NVIDIA GeForce GTX 1650, 4GB GDDR5,** DirectX 12, one DVI, one HDMI, one DP; Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz;
Some: **NVIDIA GeForce GTX 1660**, **6GB GDDR5**, DirectX 12, one DVI, one HDMI, one DP; *Max resolution:* 7680x4320 (DP)@60Hz
Some: **NVIDIA GeForce GTX 1660 Ti**, **6GB GDDR6**, DirectX 12, one DVI, one HDMI, one DP; *Max resolution:* 7680x4320 (DP)@60Hz
Some: **AMD Radeon™ RX 570**, **4GB GDDR5**, support VR, DirectX 12, one HDMI, three DP; *Max resolution:* 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz
Some: **NVIDIA GeForce RTX 2060, 6GB GDDR6,** DirectX 12, one DVI, one HDMI, one DP; Max resolution: 7680x4320 (DP)@60Hz
Some: **NVIDIA GeForce RTX 2060 SUPER, 8GB GDDR6,** DirectX 12, one HDMI, one DP; Max resolution: 7680x4320 (DP)@60Hz
Some: **NVIDIA GeForce RTX 2070, 8GB GDDR6,** DirectX 12, VR ready, one HDMI, USB 3.1 Type-C Gen 2, three DP; Max resolution: 7680x4320 (DP)@60Hz

Chipset: **Intel B360 platform**

Top ports*: Two USB 3.1 Gen1, one headphone / microphone combo jack (3.5mm), one microphone (3.5mm)
Rear ports*: Two USB 2.0, two USB 3.1 Gen1, two USB 3.1 Gen2, one ethernet (RJ-45), one HDMI, power connector, one headphone / microphone combo jack (3.5mm)
IEEE 1394: None
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Audio support: High Definition (HD) Audio, Realtek ALC233 / Dolby Atoms® Audio

WLAN *(opt)*: *Some:* 11ac Wi-Fi + Bluetooth 4.1 combo adapter, M.2 card, 1x1
Some: 11ac Wi-Fi + Bluetooth 4.1 combo adapter, M.2 card, 2x2
Bluetooth™ *(opt)*: Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
* WLAN card support BT4.2 but is limited to BT4.1 by Windows OS
Ethernet: Gigabit ethernet, Realtek RTL8118AS (Support APP priority manage, Wake-On-LAN and 'RealWoW!' technology)
Modem: None

Security chip: None
Security features: Power-on password, administrator password

Keyboard: Lenovo Calliope Keyboard (USB connector), black
Mouse: Lenovo Calliope Mouse (USB connector), black

Mechanical

- Tower (28L), raven black, metal case
- *(WxDxH) with bezel:* 7.26" x 17.95" x 17.32"; 184.5mm x 456 x 440mm
- Approx 26.46 lb (12 kg), weight may vary by configuration
- Handle on top
- Optional front system fan, rear system fan, 65W Air-Cooler for CPU
- Red internal system lighting

Bay 1: optional slim optical
Bay 2: 3.5", external, HDD bay
Bay 3: 3.5", external, HDD bay
Slot 1: full-length full-height (length < 312mm, height < 111mm), PCIe 3.0 x16
M.2 card slots: one for WLAN, one for SSD / Optane

Power supply

Some: 280 watts, autosensing, 85% PSU
Some: 350 watts, autosensing, 85% PSU
Some: 450 watts, autosensing, 85% PSU
Some: 500 watts, autosensing, 85% PSU

Limited warranty

*Some:***1-year** or **2-year, depot repair service** / service upgrades available
*Some:***1-year, mail-in repair service** / service upgrades available

Preload

Preloaded operating system
Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Lenovo® Vantage
- Lenovo Nerve Center
- McAfee® LiveSafe™ (30-day trial)
- Cyberlink PowerDVD (DVD±RW)
- Cyberlink Power2GO (DVD±RW)
- Microsoft® LinkedIn

Environment: ENERGY STAR® 6.1; ErP Lot 3; RoHS-compliant

Accessories: For compatible accessories, please go to **http://smartfind.lenovo.com**

Note: The specifications above may not be available in all regions.