

# Lenovo Legion T730-28ICO 90JF00FGGE

**Product**

Lenovo Legion T730-28ICO

**Region**

WE

**Country/Region**

Germany

**Machine Type**

90JF

**Processor**

Intel Core i9-9900K (8C / 16T, 3.6 / 5.0GHz, 16MB)

**Graphics**

NVIDIA GeForce RTX 2080 SUPER 8GB GDDR6

**Chipset**

Intel Z370

**Memory**

2x 16GB DIMM DDR4-2666

**Storage**

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

**Optane Memory**

None

**Optical**

9.0mm DVD±RW

**Ethernet**

Integrated 100/1000M

**Media Reader**

None

**Carry Handle**

Carry Handle

**WLAN + Bluetooth**

11ac, 2x2 + BT4.1

**Color**

Raven Black

**Keyboard**

USB Calliope Keyboard, Black, German

**Mouse**

USB Calliope Mouse, Black

**System Fan**

1x Rear for Liquid + 1x Front

**Power Supply**

500W Energy Star

**Operating System**

Windows 10 Home 64, German

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194552345761

**End of Support**

2020-09-16

**Announce Date**

2019-08-16



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# Lenovo Legion T730-28ICO Platform Specifications

Product Specifications Reference (PSREF)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------|-------|------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Processor     | 8th or 9th Gen Intel® Core™ i5 / i7 / i9 Processors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                         |       |                        |                                                                                                                         | WLAN (opt)<br>Bluetooth™ (opt) | 11ac Wi-Fi + Bluetooth 4.1 combo adapter, M.2 card, 2x2 Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter<br>* WLAN card support BT4.2 but is limited to BT4.1 by Windows OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|               | Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Cores / Threads | Frequency Base/Max(GHz) | Cache | Memory Support (Up to) | Integrated Graphics                                                                                                     | Ethernet                       | Gigabit ethernet, Realtek RTL8118AS (Support APP priority manage, Wake-On-LAN and 'RealWoWi' technology)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|               | Core i5-8400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 / 6           | 2.8G / 4.0G             | 9 MB  | DDR4-2666              | Intel UHD Graphics 630                                                                                                  | Modem                          | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|               | Core i7-8700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 / 12          | 3.2G / 4.6G             | 12 MB |                        |                                                                                                                         | Security chip                  | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|               | Core i7-8700K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 / 12          | 3.7G / 4.7G             |       |                        |                                                                                                                         | Security features              | Power-on password, administrator password                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|               | Core i7-9700K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 / 8           | 3.6G / 4.9G             |       |                        |                                                                                                                         | Keyboard                       | Lenovo Calliope Keyboard (USB connector), black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|               | Core i7-9700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8 / 8           | 3.0G / 4.7G             | 16 MB | Mouse                  | Lenovo Calliope Mouse (USB connector), black                                                                            | Mechanical                     | ● Tower (28L), raven black, metal case<br>● (WxDxH) with bezel: 7.26" x 16.06" x 14.29"; 184.5mm x 408 x 363mm<br>● Approx 26.46 lb (12 kg), weight may vary by configuration<br>● carry handle on top<br>● Optional front system fan, rear system fan for airflow or liquid<br>● 65W Air-Cooler with Legion cooler light, 130W Air-Cooler or 130W Liquid-Cooler<br>● Full internal RGB system lighting (over 16.8 million color combinations)<br>Bay 1: optional slim optical<br>Bay 2: 3.5", external, HDD bay<br>Bay 3: 3.5", external, HDD bay<br>Slot 1: full-length full-height (length < 312mm, height < 111mm), PCIe 3.0 x16<br>M.2 card slots: one for WLAN, one for SSD / Optane |  |
|               | Core i9-9900K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 / 16          | 3.6G / 5.0G             |       | Power supply           | Some: 450 watts, autosensing, 85% PSU<br>Some: 500 watts, autosensing, 85% PSU<br>Some: 625 watts, autosensing, 85% PSU |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Memory        | 32GB max, UDIMM, DDR4-2666 or 3200 (overclock), two 288-pin DIMM sockets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                         |       |                        |                                                                                                                         | Limited warranty               | 1-year or 2-year, depot repair service / service upgrades available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Storage       | Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm<br>Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s<br>Some: Intel Optane™ Memory, PCIe 3.0 x4, 32Gb/s, M.2<br>* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s<br>DVD Burner (DVD±RW), slim, 9.0mm high<br>Three onboard SATA 6.0Gb/s connectors<br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                         |       |                        |                                                                                                                         | Preload                        | Preloaded operating system<br>Windows 10 Home 64-bit<br>Preloaded applications (only some listed)<br>● Microsoft Office preloaded; purchase a product key to activate<br>● Lenovo® Vantage<br>● Lenovo Nerve Center<br>● McAfee® LiveSafe™ (30-day trial)<br>● Cyberlink PowerDVD (DVD±RW)<br>● Cyberlink Power2GO (DVD±RW)<br>● Microsoft® LinkedIn                                                                                                                                                                                                                                                                                                                                       |  |
| Optical (opt) | Intel UHD Graphics 630 in processor, one HDMI, uses main memory, DirectX® 12;<br>Some: AMD Radeon™ RX 570, 4GB GDDR5, VR ready, DirectX 12, one HDMI, three DP;<br>Max resolution: 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz<br>Some: NVIDIA® GeForce® GTX 1060, 3GB or 6GB GDDR5, DirectX 12, VR ready, one DVI, one HDMI, three DP;<br>Max resolution: 4096x2160 (HDMI)@60Hz; 5120x3200 (DP)@60Hz; 2560x1600 (DVI)@60Hz<br>Some: NVIDIA GeForce RTX 2060, 6GB GDDR6, DirectX 12, one DVI, one HDMI, one DP;<br>Max resolution: 7680x4320 (DP)@60Hz<br>Some: NVIDIA GeForce RTX 2060 SUPER, 8GB GDDR6, DirectX 12, one HDMI, one DP;<br>Max resolution: 7680x4320 (DP)@60Hz<br>Some: NVIDIA GeForce RTX 2070, 8GB GDDR6, DirectX 12, VR ready, one HDMI, USB 3.1 Type-C Gen 2, three DP;<br>Max resolution: 7680x4320 (DP)@60Hz<br>Some: NVIDIA GeForce RTX 2070 SUPER, 8GB GDDR6, DirectX 12, VR ready, one HDMI, USB 3.1 Type-C Gen 2, three DP;<br>Max resolution: 7680x4320 (DP)@60Hz<br>Some: NVIDIA GeForce RTX 2080, 8GB GDDR6, DirectX 12, VR ready, one HDMI, USB 3.1 Type-C Gen 2, three DP;<br>Max resolution: 7680x4320 (DP)@60Hz<br>Some: NVIDIA GeForce RTX 2080 Ti, 11GB GDDR6, DirectX 12, VR ready, one HDMI, USB 3.1 Type-C Gen 2, three DP;<br>Max resolution: 7680x4320 (DP)@60Hz |                 |                         |       |                        |                                                                                                                         | Environment                    | ENERGY STAR® 6.1; ErP Lot 3; RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Onboard SATA  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         | Accessories                    | For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Media reader  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Graphics      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Chipset       | Intel Z370 platform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Top ports*    | One headphone / microphone combo jack (3.5mm), one microphone (3.5mm), two USB 3.1 Gen1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Rear ports*   | Two USB 2.0, four USB 3.1 Gen1, one ethernet (RJ-45), one headphone / microphone combo jack (3.5mm), power connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 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 Atmos® Audio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                         |       |                        |                                                                                                                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

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

Lenovo, September 2019

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