Lenovo Legion Y730 (17'') Platform Specifications

Processor

8th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
i5-8300H	4	8	2.3 GHz	4.0 GHz	8MB	DDR4-2666	Intel UHD Graphics 630
i7-8750H	6	12	2.2 GHz	4.1 GHz	9MB		

Graphics

Intel UHD Graphics 630 in processor and
NVIDIA® GeForce® GTX 1050 Ti (4GB GDDR5 memory);
supports external digital monitor via HDMI or Mini DP;
Max resolution: 4096x2160@60Hz (HDMI); 5120x3200@60Hz (Mini DP);

Chipset

Intel HM370 Chipset

Memory

32GB max / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display

One of the following, configurable by model:

- 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz
- 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz

Multi-touch

None

Storage

Up to 2 drives (one HDD and M.2 SSD):

- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400 or 7200rmp
- M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)

Optane Memory

Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2

Optical

None

Ethernet

Gigabit Ethernet connection

WLAN

802.11ac 2x2 Wi-Fi + Bluetooth 4.1, M.2 Card

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 16.24" x 12" x 0.86-0.95"; 412.6mm x 304.9mm x 21.95-24.05mm

Weight

2.9 kg (6.4 lb)

Case color

Black

Case material

Aluminium

Lighting

- Strip RGB lighting on thermal vent
- RGB spot lighting on left and right

Media reader

None

Ports

Left: headphone / microphone combo jack, one USB 3.1 Type-C Gen 2 / Thunderbolt™ 3
Right: one USB 3.1 Gen 1 (Always On)
Rear: two USB 3.1 Gen 2, HDMI 2.0, Mini DisplayPort 1.4, Ethernet (RJ-45), security keyhole, AC power adapter jack

** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera

720p HD, 1.0MP resolution, fixed focus, with dual array microphone

Audio support

HD Audio, Realtek® ALC3268 codec /
stereo speakers, 2W x 2, Dolby® Atoms Sound System /
3W subwoofer, dual array microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys, RGB LED backlight, support anti-ghost

Touchpad

2-button Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

None

Fingerprint reader

None

Battery

Integrated Li-ion 76Wh battery

Max battery life

MobileMark® 2014: 6 hr

** Battery life varies significantly with settings, usage, & other factors*

AC adapter

135W slim tip AC adapter

Preload *(opt)*

Windows® 10 Home 64

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 2-year/1-yr battery depot repair service

Environment

ENERGY STAR® 6.1; ErP lot3; RoHS-compliant

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