

# Lenovo Legion Y740 (17") 81HH001NGE

## Product

Lenovo Legion Y740-17ICHg

## Machine Type

81HH

## Region

WE

## Country

Germany

## Processor

Core i7-8750H (6C, 2.2 / 4.1GHz, 9MB)

## Graphics

NVIDIA GeForce RTX 2080 8GB GDDR6

## Chipset

Intel HM370

## Memory

8GBx2 DDR4-2666

## Display

17.3" FHD (1920x1080) IPS 300nits G-Sync

## Multi-touch

None

## Storage

1TB 7200rpm + 256GB SSD M.2 PCIe NVMe

## Optical

None

## Ethernet

100/1000M

## WLAN + Bluetooth

Killer 1550 ac, 2x2 + BT4.1

## Color

Black

## Camera

720p

## Keyboard

RGB LED Backlit

## Fingerprint Reader

None

## Battery

76Wh

## Power Adapter

230W

## Operating System

Windows 10 Home 64

## Warranty

2-year, Depot

## EAN / UPC

193268881174

## Ann Date (mm/yy)

01/19

## Note:

\* Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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# Lenovo Legion Y740 (17") Platform Specifications

Product Specifications Reference (PSREF)

|               |                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |             |                        |                    |                                                                                                                                                                                                                                                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|-------------|------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor     | 8th Generation Intel® Core™ i7 Processor                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |             |                        | Media reader Ports | None<br>Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Gen 2, one USB 3.1 Type-C Gen 2 / Thunderbolt™ 3 and DP 1.4, HDMI 2.0, Mini DisplayPort 1.4a, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, AC power adapter jack |
|               | Processor Number                                                                                                                                                                                                                                                                                                                  | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Type | Processor Graphics     |                    |                                                                                                                                                                                                                                                   |
|               | i7-8750H                                                                                                                                                                                                                                                                                                                          | 6          | 12           | 2.2 GHz        | 4.1 GHz             | 9MB   | DDR4-2666   | Intel UHD Graphics 630 |                    |                                                                                                                                                                                                                                                   |
| Graphics      | NVIDIA® GeForce RTX™ 2060 (6GB GDDR6 memory), VR ready, or NVIDIA GeForce RTX 2070 / 2080 (8GB GDDR6 memory), VR ready; supports external digital monitor via HDMI, Mini DP or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4a); 7680x4320@60Hz (USB Type-C) |            |              |                |                     |       |             |                        | Camera             | 720p HD, 1.0MP resolution, fixed focus, with dual array microphone                                                                                                                                                                                |
| Chipset       | Intel HM370 Chipset                                                                                                                                                                                                                                                                                                               |            |              |                |                     |       |             |                        | Audio support      | HD Audio, Realtek ALC3286 codec / Dolby Atmos® speakers system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack                                                                        |
| Memory        | 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets                                                                                                                                                                                                                                                  |            |              |                |                     |       |             |                        | Keyboard           | 6-row, multimedia Fn keys, RGB LED backlight with CORSAIR® iCUE, numeric keypad, support anti-ghost                                                                                                                                               |
| Display       | 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz, G-Sync™, Dolby® Vision                                                                                                                                                                                              |            |              |                |                     |       |             |                        | Touchpad           | 2-button Mylar surface multi-touch touchpad                                                                                                                                                                                                       |
| Multi-touch   | None                                                                                                                                                                                                                                                                                                                              |            |              |                |                     |       |             |                        | Security           | Power-on password, hard-disk password, supervisor password, security keyhole                                                                                                                                                                      |
| Storage       | One of the following, configurable by model:<br>• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 7200rpm<br>• M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)<br>* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s                                                                           |            |              |                |                     |       |             |                        | Security chip      | None                                                                                                                                                                                                                                              |
| Optical       | None                                                                                                                                                                                                                                                                                                                              |            |              |                |                     |       |             |                        | Fingerprint reader | None                                                                                                                                                                                                                                              |
| Ethernet      | Gigabit Ethernet connection                                                                                                                                                                                                                                                                                                       |            |              |                |                     |       |             |                        | Battery            | Integrated Li-ion 76Wh battery                                                                                                                                                                                                                    |
| WLAN          | Killer™ Wireless-AC 1550, Wi-Fi 2x2 802.11ac + BT4.1, M.2 Card                                                                                                                                                                                                                                                                    |            |              |                |                     |       |             |                        | Max battery life   | 6 hr (FHD/144Hz local video play@150nit)                                                                                                                                                                                                          |
| Bluetooth™    | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter<br>* WLAN card support BT5.0 but is limited to BT4.1 by Windows OS                                                                                                                                                                                          |            |              |                |                     |       |             |                        | AC adapter         | 230W slim tip AC adapter                                                                                                                                                                                                                          |
| Dimensions    | WxDxH: 16.22" x 12" x 0.86-1"; 412mm x 305mm x 21.95-25.45mm                                                                                                                                                                                                                                                                      |            |              |                |                     |       |             |                        | Preload (opt)      | Windows® 10 Home 64 or Windows 10 Pro 64                                                                                                                                                                                                          |
| Weight        | 2.9 kg (6.4 lb)                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |             |                        | Limited warranty   | One of the following, configurable by model:<br>• 1-year depot repair service<br>• 2-year/2-yr battery depot repair service                                                                                                                       |
| Case color    | Black                                                                                                                                                                                                                                                                                                                             |            |              |                |                     |       |             |                        | Environment        | ErP lot3; RoHS-compliant                                                                                                                                                                                                                          |
| Case material | Aluminium                                                                                                                                                                                                                                                                                                                         |            |              |                |                     |       |             |                        |                    |                                                                                                                                                                                                                                                   |
| Lighting      | <ul style="list-style-type: none"> <li>"Y" Logo RGB lighting on display cover</li> <li>Strip RGB lighting on thermal vent</li> <li>RGB spot lighting on left and right</li> </ul>                                                                                                                                                 |            |              |                |                     |       |             |                        |                    |                                                                                                                                                                                                                                                   |

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

Lenovo, January 2019

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