# Yoga C940-15IRH 81TE0018GE

***Product***
Yoga C940-15IRH

***Region***
WE

***Country/Region***
Germany

***Machine Type***
81TE

***Processor***
Core i7-9750H (6C / 12T, 2.6 / 4.5GHz, 12MB)

***Graphics***
NVIDIA GeForce GTX 1650 Max-Q 4GB GDDR5

***Chipset***
Intel HM370

***Memory***
16GB Soldered DDR4-2666

***Display***
15.6" HDR 400 FHD (1920x1080) IPS 500nits Glossy

***Multi-touch***
10-point Multi-touch

***Storage***
512GB SSD M.2 2280 PCIe NVMe

***Optical***
None

***Media Reader***
None

***Ethernet***
None

***WLAN + Bluetooth***
11ax, 2x2 + BT5.0

***WWAN***
None

***Bundled Accessories***
None

***Color***
Iron Grey

***Camera***
720p

***Microphone***
2x, Array

***Keyboard***
Backlit, German

***Pen***
Lenovo Active Pen

***Fingerprint Reader***
Fingerprint Reader

***NFC***
None

***TPM***
None

***Battery***
Integrated 69Wh

***Power Adapter***
135W Slim Tip

***Operating System***
Windows 10 Home 64, German

***Bundled Software***
Office Trial

***Base Warranty***
2-year, Depot

***Bundled Service***
None

***EAN / UPC***
194552978532

***End of Support***
2025-10-26

***Announce Date***
2019-09-26

**Notes:**

**Battery life** is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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# Yoga C940-15IRH Platform Specifications

*Product Specifications Reference (PSREF)*

**Processor**

9th Generation Intel® Core™ i7 / i9 Processor

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| i7-9750H | 6 | 12 | 2.6 GHz | 4.5 GHz | 12MB | DDR4-2666 | Intel UHD Graphics 630 |
| i9-9880H | 8 | 16 | 2.3 GHz | 4.8 GHz | 16MB | | |

**Graphics**

NVIDIA® GeForce® GTX 1650 Max-Q (4GB GDDR5 memory)
or Intel UHD Graphics 630 in processor;
supports external digital monitor via USB Type-C™ / Thunderbolt 3;
supports two independent displays;
Max resolution: 5120x3200@60Hz (USB Type-C)

**Chipset**

Mobile Intel HM370 Chipset

**Memory**

16GB max / 2666MHz DDR4, soldered to systemboard, no sockets

**Display**

*One of the following, configurable by model:*
- 15.6" (396mm) FHD (1920x1080), glossy, LED backlight, IPS, HDR 400, 500 nits, 16:9 aspect ratio, 72% NTSC
- 15.6" (396mm) UHD (3840x2160), glossy, LED backlight, IPS, HDR 400, 500 nits, 16:9 aspect ratio, 72% NTSC

**Multi-touch**

Supports 10-finger gesture

**Multi-mode**

4 mode: Laptop, tent, stand and tablet; Yoga sound bar hinge, 360 degree

**Pen**

Lenovo Active Pen (Garaged)

**Storage**

*One of the following, configurable by model:*
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
- Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4

**Optical**

None

**Ethernet**

None

**WLAN**

*One of the following, configurable by model:*
- 802.11ac, 2x2, Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax, 2x2, Wi-Fi + Bluetooth 5.0, M.2 Card

**Bluetooth™**

Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

**Dimensions**

WxDxH: 13.99" x 9.39" x 0.69 - 0.78"; 355.5mm x 238.5mm x 17.5 - 19.7mm

**Weight**

Start at 2.0 kg / 4.41 lb

**Case color**

Iron grey

**Case material**

*Display cover*: Aluminum;
*Bottom*: Aluminum

**Media reader**

None

**Ports**

Two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of Power Delivery, DisplayPort),
one USB 3.1 Type-A Gen 1,
3.5mm (0.14inch) stereo audio / microphone combo jack
* *Depending on many factors, actual data transfer speed may be lower than theoretical speed*

**Monitor cable**

None

**Bundled Accy (*optional*)**

Lenovo USB-C 3-in-1 Hub
Lenovo USB-C to VGA Adapter
Lenovo USB-C to HDMI Adapter
Lenovo USB-C to USB-A Adapter

**Camera**

Slim camera, HD720p with privacy shutter, fixed focus

**Audio support**

HD Audio, four speakers with Dolby® Atmos™ certification, 2W x 4 /
dual-array microphone, 3.5mm (0.14inch) stereo audio / microphone combo jack

**Keyboard**

6-row, multimedia Fn keys, LED backlight

**Touchpad**

Buttonless glass surface multi-touch touchpad

**Security**

Power-on password, administrator password, user password

**Security chip**

None

**Fingerprint reader**

Touch style match on chip fingerprint reader on the palm rest

**Light sensor**

None

**G-sensor**

Accelerometer

**TV tuner**

None

**E-Compass**

None

**Gyroscope**

None

**Battery**

Integrated Li-Ion 69Wh battery

**Max battery life**

*MobileMark® 2014*: 12 hrs (FHD model) or 9 hrs (UHD model)
* *Battery life varies significantly with settings, usage, & other factors*

**AC adapter**

135W Slim Tip (Flat / Rectangle) AC adapter

**Preload**

*Preloaded operating system:*
- Windows® 10 Home 64
- Windows 10 Pro 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® 7.1; RoHS-compliant

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

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