# Yoga 7 16IRL8 82YN005PCK

# Lenovo PSREF Product Specifications Reference

## **PERFORMANCE**

#### Processor

Intel® Core™ i7-1360P, 12C (4P + 8E) / 16T, P-core 2.2 / 5.0GHz. E-core 1.6 / 3.7GHz. 18MB

#### Graphics

Integrated Intel® Iris® Xe Graphics

### Chipset

Intel® SoC Platform

## Memory

16GB Soldered LPDDR5-5200

#### **Memory Slots**

Memory soldered to systemboard, no slots, dual-channel

#### Max Memory

16GB soldered memory, not upgradable

#### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

#### Storage Support[1]

One drive, up to 1TB M.2 2242 SSD

#### Storage Slot

One M.2 2242 PCle® 4.0 x4 slot

#### Card Reader

microSD Card Reader

#### Optical

None

#### **Audio Chir**

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2, optimized with Dolby Atmos®, Smart Amplifier (AMP)

#### Camera

FHD 1080p + IR with Privacy Shutter

#### Microphone

2x, Array

#### Battery<sup>[2]</sup>

Integrated 71Wh

#### Power Adapter

65W USB-C® (3-pin)

## **DESIGN**

#### Display[3]

16" 2.5K (2560x1600) IPS 400nits Glossy / Anti-fingerprint, 100% sRGB, 60Hz, Dolby Vision®, TÜV Low Blue Light, Glass, Touch

#### Touchscreen

GFF, 10-point Multi-touch

#### **Color Calibration**

None

#### Kevboard

Backlit, Czech / Slovak

#### Touchpa

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

#### **Case Color**

Arctic Grey

#### Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

#### Case Material

Aluminium (Top), Aluminium (Bottom)

#### Per

Lenovo® Digital Pen

## Dimensions (WxDxH)[4]

362.16 x 250.12 x 16.99 mm (14.26 x 9.85 x 0.67 inches)

## Weight<sup>[5]</sup>

Starting at 1.98 kg (4.37 lbs)

## **SOFTWARE**

## **Operating System**

Windows® 11 Home, Czech / Slovak / English

## **Bundled Software**

Office Trial

## CONNECTIVITY

#### Ethernet

No Onboard Ethernet

#### WLAN + Bluetooth®[6]

Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

### **WWAN**

None

### NFC

None

#### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

#### Docking

Various docking solutions are supported via Thunderbolt™. For more compatible docking solutions, please visit <u>Docking</u> for Yoga® 7 16IRL8

## **SECURITY & PRIVACY**

## **Security Chip**

Firmware TPM 2.0

#### Fingerprint Reader

Touch Style, on Palm Rest

#### Other Security

- IR camera for Windows® Hello (facial recognition)
- · Camera privacy shutter

## SERVICE

#### **Base Warranty**

2-year, Courier or Carry-in

### Included Upgrade

CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects), 3Y Premium Care with Onsite upgrade from 2Y Depot/CCI CZ&SK (CPN)

## **ACCESSORIES**

Bundled Accessories[7]

None

#### **CERTIFICATIONS**

#### Green Certifications[8]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

#### Other Certifications

- Intel® Evo™ Platform
- TÜV Rheinland® Low Blue Light (Hardware Solution)

#### Mil-Spec Test

MIL-STD-810H military test passed (21 test items)

## **MODEL**

 TopSeller
 : No
 Announce Date
 : 2024-05-16

 EAN / UPC / JAN
 : 198154300906
 End of Support
 : 2029-04-13

#### Note:

- [1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
- [2] Rapid Charge Express is only effective in hibernates or fully shutting down the computer.
- [3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
- [4] The system dimensions may vary depending on configurations.
- [5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
- [6] Wi-Fi 6E full features might be limited by country-level.....
- · Lenovo reserves the right to change specifications without notice.

To see more note information, please link to https://psref.lenovo.com/Detail/2209?M=82YN005PCK

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## Recommended Accessories



# ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

 The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...



## ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

For a full list of accessories and services, please visit: https://smartfind.Lenovo.com

