Yoga Pro 9 16IRP8

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i9-13905H, 14C (6P + 8E) / 20T, P-core 2.6 / 5.4GHz, E-core 1.9 / 4.1GHz, 24MB

Graphics
NVIDIA® GeForce RTX™ 4050 6GB GDDR6

Chipset
Intel® SoC Platform

Memory
32GB Soldered LPDDR5x-6400

Memory Slots
Memory soldered to systemboard, no slots, dual-channel

Max Memory
32GB soldered memory, not upgradable

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support[1][2]
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 1TB

Storage Slot
Two M.2 slots
• One M.2 2280 PCIe® 3.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot

Card Reader
SD Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
6 stereo speakers, 2W x4 (dual side woofers), 2W x2 (tweeters), optimized with Dolby Atmos®, Smart Amplifier (AMP)

Camera
5.0MP + IR with E-shutter

Microphone
4x, Array

Battery[3]
Integrated 75Wh

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display[4]
16″ 3.2K (3200x2000) IPS 400nits Glossy, 100% P3, 100% sRGB, 165Hz, Eyesafe®, Dolby Vision®, Glass, TCON

Touchscreen
None

Color Calibration
Factory Color Calibration

Keyboard
Backlit, English

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 95 x 150 mm (3.75 x 5.91 inches)

Case Color
Storm Grey

Surface Treatment
Aluminium Stamping (Anodized with Sandblasting)

Case Material
Aluminium (Top), Aluminium (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)[5]
362.44 x 244.82 x 17.9 mm (14.27 x 9.64 x 0.70 inches)

Weight[6]
Starting at 2.18 kg (4.81 lbs)

SOFTWARE

Operating System
Windows® 11 Home, Romanian / English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[7]
Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

WWAN
Non-WWAN

Standard Ports
- 1x HDMI®, up to 4K/30Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x Power connector

Docking
Various docking solutions are supported via Thunderbolt™. For more compatible docking solutions, please visit Docking for Yoga® Pro 9 16IRP8

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0

Fingerprint Reader
None

Other Security
- IR camera for Windows® Hello (facial recognition)
- E-shutter

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
CO2 Offset 1 ton, 3Y Premium Care with Onsite upgrade from 2Y Depot/CCI (CPN)

ACCESSORIES

Bundled Accessories[8]
None

CERTIFICATIONS

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

Other Certifications
- Intel® Evo™ Platform
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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

MODEL

TopSeller	: Yes	**Announce Date**	: 2023-04-08
EAN / UPC / JAN	: 197529886410	**End of Support**	: 2029-04-30

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration and another SSD slot for user self-extension.
[3] Rapid Charge Pro is only effective in hibernates or fully shutting down the computer.
[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[5] The system dimensions may vary depending on configurations.
[6] 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.
[7] 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/2193?M=83BY0048RM

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REAL PERSON
Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

REAL FAST
Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

HASSLE FREE
'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

PC HEALTH CHECK
Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

Accidental Damage Protection - **Protection of your PC from the unexpected.**

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

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Warranty Extensions & Upgrades – **Service and protection that's right for your circumstances.**

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

ThinkPad Universal USB-C Dock

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 ...

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

- 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...

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

PSREF
Product Specifications Reference