

# **OVERVIEW**



1.	USB-A (USB 10Gbps)	4. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4
2.	2x Thunderbolt 4	5. Power button
3.	Headphone / microphone combo jack (3.5mm)	6. 1-click function keys area

Yoga 9 14IRP8 - April 16 2024



# **PERFORMANCE**

## **Processor**

#### **Processor Family**

13th Generation Intel® P Series Core i7 Processor

#### **Processor**

Processor Cores		Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i7-1360P	12 (4 P-core + 8 E-core)	16	P-core 2.2GHz / E-core 1.6GHz	P-core 5.0GHz / E-core 3.7GHz	18MB	Intel® Iris® Xe Graphics

# **Operating System**

## Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language

# **Graphics**

# **Graphics**

Graphics	Туре	Memory	TGP	Key Features
Intel® Iris® Xe Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1

# **Monitor Support**

## **Monitor Support**

Supports up to 4 independent displays (native display and 3 external monitors via USB-C® and Thunderbolt™)

- USB-C® supports up to 5120x3200@60Hz
- Thunderbolt™ supports up to 5120x3200@60Hz

# Chipset

## Chipset

Intel® SoC (System on Chip) platform

# Memory

## **Max Memory**

16GB soldered memory, not upgradable

## **Memory Slots**

Memory soldered to systemboard, no slots, dual-channel

# **Memory Type**

LPDDR5-5200

# **Storage**

#### Storage Support[1]

One drive, up to 1TB M.2 2280 SSD

## **Storage Slot**

One M.2 2280 PCIe® 4.0 x4 slot

## **Storage Type**

Disk Type	Interface	Offering	
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	512GB / 1TB	

#### Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

# Removable Storage



#### **Card Reader**

No card reader

#### Multi-Media

## **Audio Chip**

High Definition (HD) Audio, Realtek® ALC3306 codec

#### **Speakers**

4 stereo speakers, 3W x2 (woofers on the side), 2W x2 (front-facing tweeters on hinge bar), optimized with Dolby Atmos®, Smart Amplifier (AMP), audio by Bowers & Wilkins

#### Microphone

Dual-microphone array

#### Camera

FHD 1080p + IR, with privacy shutter, fixed focus, with ToF sensor

## Sensor

#### Sensors

- · Accelerometer (G) sensor
- Ambient light sensor (ALS)
- Hall sensor
- ToF sensor

## **Battery**

## Battery[1]

Integrated Li-Polymer 75Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

## Max Battery Life[2]

MobileMark® 2018@200nits: 10.5 hr

Local video (1080p) playback@150nits: 14 hr

## Notes:

[1] Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.

[2] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

# **Power Adapter**

# Power Adapter\*\*[1]

- 65W USB-C<sup>®</sup> (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 100W USB-C® slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

#### Notes:

[1] AC adapter offerings depend on the country.

# **DESIGN**

## **Display**

# Display\*\*

Size	Resolution	Touch	Туре	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Featur
14"	2.8K (2880x1800)	Multi- touch	OLED	400nits	Glossy	16:10	1,000,000:1	100% DCI- P3	90Hz (Max)	87.5°/87.5°/87.5°	Eyesafe® Certified 2. Dolby Vision®, VESA DisplayHDF



											True Black 500, Glass
14"	4K (3840x2400)	Multi- touch	OLED	400nits	Glossy	16:10	1,000,000:1	100% DCI- P3	60Hz	87.5°/87.5°/87.5°	Eyesafe® Certified 2. Dolby Vision®, VESA DisplayHDF True Black 500, Glass

#### Touchscreen

GF2 or OGM (One Glass Metal mesh) multi-touch, supports 10-point touch

#### Multi-mode

#### Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° sound-bar hinge

# **Input Device**

# Pen

Lenovo® Precision Pen 2 with built-in rechargeable battery, 4096 levels of pressure sensitivity, tilt detection, supports WGP, AES 2.0 and MPP 2.0 protocols. For more information, please read <u>Lenovo® Precision Pen 2</u>

### Keyboard

6-row, multimedia Fn keys, 1-click function keys

#### **Keyboard Backlight**

LED backlight

#### **Touchpad**

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

# Mechanical

## Dimensions (WxDxH)[1]

318 x 230 x 15.25 mm (12.52 x 9.06 x 0.6 inches)

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

Starting at 1.4 kg (3.09 lbs)

#### Case Color\*\*

- Oatmeal
- · Storm grey

## **Surface Treatment**

Aluminium CNC (top), Aluminium stamping (bottom)

#### **Case Material**

Aluminium (top), aluminium (bottom)

## Notes:

[1] The system dimensions may vary depending on configurations.

[2] 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.

## CONNECTIVITY

#### **Network**

#### Ethernet

No onboard Ethernet

WLAN + Bluetooth®[1]

Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3



#### Notes:

[1] Wi-Fi® 6E full features might be limited by country-level restrictions.

Wi-Fi® 6E is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit <u>General Bluetooth® Support Information on Microsoft®</u>.

#### Ports<sup>[1]</sup>

#### **Standard Ports**

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x Headphone / microphone combo jack (3.5mm)

## Notes:

[1] The transfer speed of the ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

# **Docking**

#### **Docking**

Various docking solutions are supported via Thunderbolt<sup>™</sup> / USB-C<sup>®</sup>. For more compatible docking solutions, please visit <u>Docking for Yoga<sup>®</sup> 9 14IRP8</u>

# **SECURITY & PRIVACY**

# **Security**

## **Security Chip**

Firmware TPM 2.0 integrated in SoC

#### **Fingerprint Reader**

Touch style fingerprint reader on keyboard

#### **BIOS Security**

- Administrator password
- User password
- User hard disk password
- Master hard disk password
- Self-healing BIOS

#### **Other Security**

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

# **SERVICE**

# Warranty

### **Base Warranty\*\***

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

# **ACCESSORIES**

#### **Bundled Accessories**

# **Bundled Accessories**\*\*\*[1]

- Lenovo® USB-C® 3-in-1 Hub (USB-C® to VGA / HDMI® / USB-A)
- Lenovo® Yoga® 14-inch Sleeve



None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Yoga® 9 14IRP8.

# **OPERATING REQUIREMENTS**

# **Operating Environment**

#### Temperature[1]

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

#### **Relative Humidity**

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altituda

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

# **CERTIFICATIONS**

## Green Certifications<sup>11</sup>

#### Green Certifications[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[3]
- ErP Lot 6
- ErP Lot 26
- · RoHS compliant

#### Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <a href="https://compliance.lenovo.com">https://compliance.lenovo.com</a>.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit <u>epeat.net</u> and <u>energystar.gov</u> for more information.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

#### Other Certifications

#### **Mil-Spec Test**

MIL-STD-810H military test passed

## **Other Certifications**

- Intel® Evo™ Platform
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)
- $\bullet$  Feature with \*\* means that only one offering listed under the feature is configured on selected models.
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