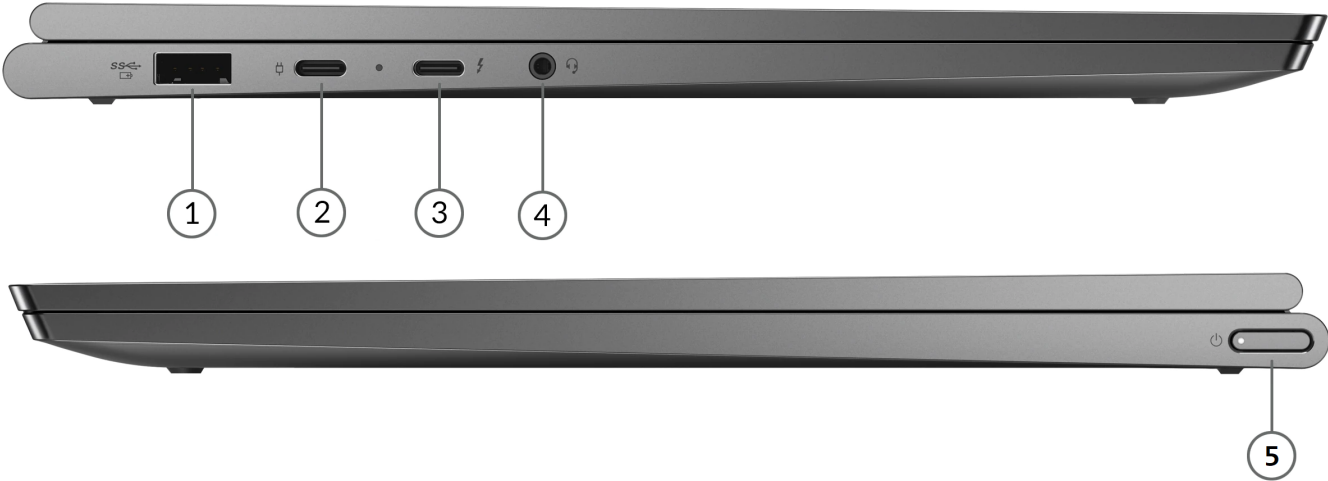


OVERVIEW



1. USB 3.2 Gen 2 (Always On)	4. Headphone / microphone combo jack (3.5mm)
2. USB-C 3.2 Gen 2 / Thunderbolt 3	5. Power button
3. USB-C 3.2 Gen 2 / Thunderbolt 3	

PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i5 / i7 Processor

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i7-1065G7	4	8	1.3GHz	3.9GHz	8MB	LPDDR4-3733	Intel Iris® Plus Graphics
Core i5-1035G4	4	8	1.1GHz	3.7GHz	6MB	LPDDR4-3733	Intel Iris Plus Graphics

Operating System

Operating System\*\*

- Windows® 10 Home 64
- Windows 10 Pro 64

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel Iris Plus Graphics	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via Thunderbolt™)

- Thunderbolt supports up to 5120x3200@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory\*\*

- 8GB soldered memory, not upgradable
- 12GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR4x-3733

Storage

Storage Support<sup>[1]</sup>

One drive, up to 2TB M.2 2280 SSD, optional Intel Optane™ Memory integrated with SSD, M.2

Storage Slot

One M.2 2280 PCIe® 3.0 x4 slot

Storage Type\*\*\*

Disk Type	Interface	Offering
Intel Optane Memory with Solid State Storage, M.2 2280	PCIe NVMe®, PCIe 3.0 x4	32GB
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	256GB / 512GB / 1TB / 2TB

Notes:

<sup>[1]</sup> The storage capacity supported is based on the test results with current Lenovo® storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), optimized with Dolby® Atmos®

Microphone

Dual-microphone array with noise-cancelling

Camera

720p (HD) webcam, support privacy shutter, fixed focus

Sensor

Sensors

Accelerometer (G) sensor

Battery

Battery

Integrated Li-Polymer 60Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

Max Battery Life\*\*[1]

- FHD model:  
MobileMark® 2014: 17.5 hr  
Local video (1080p) playback@150nits: 19.5 hr
- UHD model:  
MobileMark 2014: 9.5 hr  
Local video (1080p) playback@150nits: 10 hr

Notes:

[1] 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® (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	Type	Brightness	Surface	Aspect Ratio	Color Gamut	Key Features
14.0"	FHD (1920x1080)	Multi-touch	IPS	400 nits	Glossy	16:9	72% NTSC	Dolby Vision™
14.0"	UHD (3840x2160)	Multi-touch	IPS	500 nits	Glossy	16:9	90% DCI-P3	Dolby Vision

Touchscreen

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 Integrated Pen with built-in rechargeable battery, 4096 levels of pressure sensitivity, on-board garaged and rechargeable

### Keyboard

6-row, multimedia Fn keys

### Keyboard Backlight

LED backlight

### Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 70 x 105 mm (2.76 x 4.13 inches)

## Mechanical

### Dimensions (WxDxH)<sup>[1]</sup>

320.3 x 215.6 x 14.2-15.7 mm (12.61 x 8.49 x 0.56-0.62 inches)

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

Starting at 1.35 kg (2.98 lbs)

### Case Color<sup>\*\*</sup>

- Iron grey
- Mica

### Surface Treatment

Aluminium CNC

### 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

### WLAN + Bluetooth®<sup>\*\*[1]</sup>

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.0
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0

Notes:

[1] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

### Standard Ports

- 1x USB 3.2 Gen 2 (Always On)
- 2x USB-C 3.2 Gen 1 / Thunderbolt 3 (support data transfer, Power Delivery, and DisplayPort™)
- 1x Headphone / microphone combo jack (3.5mm)

Notes:

[1] The transfer speed of following 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.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt 3/4: 40 Gbit/s.

## Monitor Cable

### Monitor Cable

- Lenovo USB-C 3-in-1 Hub (USB-C to VGA / HDMI® / USB-A)
- No monitor cable

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Fingerprint Reader

Touch style fingerprint reader on palm rest

#### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

#### Other Security

Camera privacy shutter

## SERVICE

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

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## ENVIRONMENTAL

### Operating Environment

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

- 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)

#### Humidity

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

#### Altitude

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>[1]</sup>

#### Green Certifications<sup>[2]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered
- ErP Lot 3
- RoHS compliant

## Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[2] EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

### Other Certifications

#### Other Certifications

Athena certified

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
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