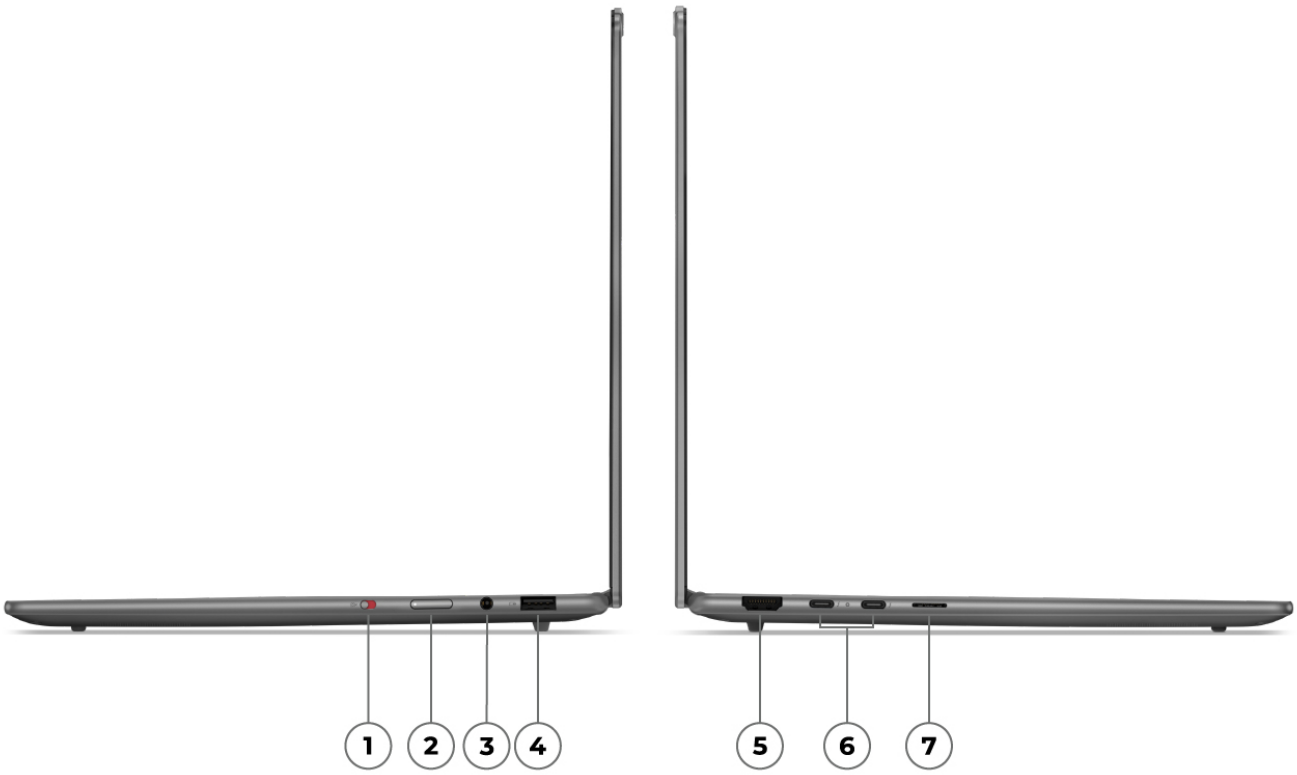
## OVERVIEW




| | |
|---|---|
| 1. E-shutter switch | 5. HDMI |
| 2. Power button | 6. 2x Thunderbolt 4 |
| 3. Headphone / microphone combo jack (3.5mm) | 7. microSD card reader |
| 4. USB-A (USB 5Gbps), Always On | |

# PERFORMANCE

## Processor

**Processor Family**

Intel® V Series Core Ultra 5 / 7 Processor (Series 2) - Lunar Lake

**Processor****

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics | NPU | Overall TOPS |
|---|---|---|---|---|---|---|---|---|
| Core Ultra 5 226V | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.1GHz / LP E-core 2.1GHz | P-core 4.5GHz / LP E-core 3.5GHz | 8MB Intel® Smart Cache | Intel® Arc™ Graphics 130V, up to 53 TOPS | Intel® AI Boost, up to 40 TOPS | Up to 97 TOPS |
| Core Ultra 7 256V | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.2GHz / LP E-core 2.2GHz | P-core 4.8GHz / LP E-core 3.7GHz | 12MB Intel® Smart Cache | Intel® Arc™ Graphics 140V, up to 64 TOPS | Intel® AI Boost, up to 47 TOPS | Up to 115 TOPS |
| Core Ultra 7 258V | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.2GHz / LP E-core 2.2GHz | P-core 4.8GHz / LP E-core 3.7GHz | 12MB Intel® Smart Cache | Intel® Arc™ Graphics 140V, up to 64 TOPS | Intel® AI Boost, up to 47 TOPS | Up to 115 TOPS |

## AI (Artificial Intelligence)

**AI PC Category**

Copilot+ PC[1]

**NPU**

Integrated Intel® AI Boost, up to 47 TOPS

Notes:

[1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows® 11 to accelerate productivity and creativity.

## Operating System

**Operating System****

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

## Graphics

**Graphics****

| Graphics | Type | Memory | Key Features |
|---|---|---|---|
| Intel® Arc™ Graphics 130V | Integrated | Shared | DirectX® 12.2 |
| Intel® Arc™ Graphics 140V | Integrated | Shared | DirectX® 12.2 |

## Monitor Support

**Monitor Support[1]**

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and Thunderbolt™)
• HDMI® supports up to 4K@60Hz
• Thunderbolt™ supports up to 8K@60Hz

Notes:

[1] 8K resolution support requires 2 display pipes. The number of supported simultaneous displays is reduced by 1.

## Chipset

**Chipset**

Intel® SoC (System on Chip) platform

## Memory

**Max Memory**

- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

**Memory Slots**

Memory soldered to systemboard, no slots, dual-channel

**Memory Type**

LPDDR5X-8533, MoP (Memory on Package) memory

## Storage

**Max Storage Support**[1]

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

**Storage Slot**[2]

One M.2 2242 PCIe® 4.0 x4 slot

**Storage Type**

| Disk Type | Interface | Offering |
|---|---|---|
| M.2 2242 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.
[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.
PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);
PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);
PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

## Removable Storage

**Card Reader**

microSD card reader

## Multi-Media

**Audio Chip**

SoundWire®, Cirrus Logic® CS42L43 codec

**Speakers**

4 stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), optimised with Dolby Atmos®, Smart Amplifier (AMP)

**Microphone**

Quad-microphone array

**Camera**

5.0MP + IR, with E-shutter, fixed focus

## Sensor

**Sensors**

Hall sensor

## Battery

**Battery**[1]

70Wh Rechargeable Li-ion Battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

**Max Battery Life**[2]

MobileMark® 30@250nits: 17.5 hr
Local video (1080p) playback@150nits: 34 hr

Notes:

[1] Rapid Charge Express is only effective when the computer is in hibernation mode or fully shut down.

[2] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, JEITA 2.0, JEITA 3.0, 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® slim (2-pin, wall-mount) 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 | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14" | WUXGA (1920x1200) | OGS touch | OLED | 600nits (HDR peak) / 400nits (SDR typical) | Glossy, anti-fingerprint | 16:10 | 1,000,000:1 | 100% DCI-P3 | 60Hz | 85° / 85° / 85° / 85° | Eyesafe® Certified 2.0, Dolby Vision®, TÜV Rheinland® Flicker Free, DisplayHDR™ True Black 500, Glass, ΔE<1 (Avg.) X-Rite |

**Touchscreen**

OGS (One Glass Solution) multi-touch, supports 10-point touch

**Screen-to-Body Ratio**

90% AAR (active area ratio)

**Color Calibration**

X-Rite® factory color calibration

## Input Device

**Pen**

No support

**Keyboard**

6-row, multimedia Fn keys, key travel 1.5mm, Copilot key

**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]

312 x 219.3 x 13.9 mm (12.28 x 8.63 x 0.55 inches)[2]

**Weight**[3]

| Models | Weight |
|---|---|
| Models with touch panel | Starting at 1.28 kg (2.82 lbs) |

**Case Color**

Luna grey

**Case Material**

Aluminium (top), aluminium (bottom)

**Surface Treatment**

Aluminium stamping (anodized with sandblasting)

Notes:

[1] The system dimensions may vary depending on configurations.
[2] 219.3 mm (8.63 inches) without camera bump, 221.3 (8.71 inches) with camera bump
[3] 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®[1]**

Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

**WWAN**

No support

**Ethernet**

No onboard Ethernet

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

## Ports[1]

**Standard Ports**

- 1x USB-A (USB 5Gbps), Always On
- 2x Thunderbolt™ 4, with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

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 supported via Thunderbolt™ / USB-C®.
For more compatible docking solutions, please visit Docking for Lenovo® Slim 7 14ILL10

# SECURITY & PRIVACY

## Security

**Security Chip**

Firmware TPM 2.0 integrated in SoC

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Administrator password
- Master hard disk password
- User hard disk password
- User password
- Self-healing BIOS
- More BIOS security features, please visit BIOS Simulator[1]

**Other Security**

- Ultrasonic Human Presence Detection
- E-shutter
- IR camera for Windows® Hello (facial recognition)

Notes:

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

# SERVICE

## Warranty

**Base Warranty**

1-year courier or carry-in service

# ACCESSORIES

## Bundled Accessories

**Bundled Accessories**[1]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Lenovo® Slim 7 14ILL10.

# 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)

**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).

# ENVIRONMENTAL

## Sustainability

**Material**[1]

Plastic-free Package
100% FSC-certificated Paper used in Carton and Manual

Recycled Material
50% Recycled Aluminium alloy on D Cover
90% PCC Recycled Plastic used in Black 65W Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

# CERTIFICATIONS

## Green Certifications[1]

**Green Certifications[2]**

- Carbon Neutral Certified
- ENERGY STAR® 9.0
- EPEAT 1.0 Gold Registered[3]
- EPEAT Climate+
- ErP Lot 6/26
- 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 https://compliance.lenovo.com.
[2] EPEAT registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit epeat.net and energystar.gov 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 (21 test items)

**Other Certifications**

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

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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