

OVERVIEW



1. USB-C (USB 10Gbps), with PD 45-65W & DP 1.4	4. Headphone / microphone combo jack (3.5mm)
2. USB-C (USB 10Gbps), with PD 45-65W & DP 1.4	5. USB-A (USB 5Gbps)
3. HDMI	6. USB-A (USB 5Gbps), Always On

PERFORMANCE

Processor

Processor Family

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

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 5 228V	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
Core Ultra 7 266V	8 (4 P-core + 4 LP E-core)	8	P-core 2.2GHz / LP E-core 2.2GHz	P-core 5.0GHz / LP E-core 3.7GHz	12MB Intel® Smart Cache	Intel® Arc™ Graphics 140V, up to 66 TOPS	Intel® AI Boost, up to 48 TOPS	Up to 118 TOPS

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC^[1]

NPU

Integrated Intel® AI Boost, up to 48 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
- No preload operating system

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 USB-C®)

- HDMI® supports up to 4096x2160@60Hz
- USB-C® supports up to 5120x3200@60Hz

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited.

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]

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

Storage Slot^[2]

Two M.2 slots

- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

Storage Type

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 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

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Senary SN6147 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

Dual-microphone array with smart noise-cancelling

Camera

FHD 1080p + IR hybrid, with privacy shutter, fixed focus

Battery

Battery**

- 54.7Wh Rechargeable Li-ion Battery, supports Rapid Charge Pro (charge up to 50% in 30min) with 65W AC adapter^[1]

- 65Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter^[2]

Max Battery Life^[3]

- Models with 54.7Wh battery:
MobileMark® 30@250nits: 14.4 hr
Local video (1080p) playback@150nits: 18.4 hr
- Models with 65Wh battery:
MobileMark® 30@250nits: 16.6 hr
Local video (1080p) playback@150nits: 28.9 hr

Notes:

[1], [2] Rapid charge is only guaranteed when the computer is turned off or in standby mode or in hibernation mode. When the computer is powered on, the Charge Time will vary depending on system power consumption and AC adapter power.

[3] 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® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

Notes:

[1] AC adapter offerings depend on the country.

Special Features

Special Features

Modern Standby

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)	Non-touch	IPS ^[1]	400nits	Anti-glare	16:10	1000:1	100% sRGB	120Hz (Max)	85° / 85° / 85° / 85°	TÜV Rheinland® Low Blue Light (Hardware)
14"	WUXGA (1920x1200)	Add-on Film touch	IPS ^[2]	400nits	Anti-glare	16:10	1000:1	100% sRGB	120Hz (Max)	85° / 85° / 85° / 85°	Covered by touch glass, TÜV Rheinland® Low Blue Light (Hardware)
14"	2.8K (2880x1800)	Non-touch	OLED	1,100nits (HDR peak) / 500nits (SDR typical)	Anti-glare	16:10	100,000:1	100% DCI-P3	120Hz VRR	85° / 85° / 85° / 85°	DisplayHDR™ True Black 1000, Eye Comfort Certification (5-star), Eyesafe® Certified 2.0

Touchscreen

- Add-on Film Touch, supports 10-point touch
- Non-touch

Screen-to-Body Ratio

90.8%

Color Calibration

- X-Rite® factory color calibration (OLED display)
- No color calibration

Notes:

[1], [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Pen

No support

Keyboard

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

Keyboard Backlight

- LED backlight
- Non-backlight

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Mechanical

Dimensions (WxDxH)^[1]

312 x 217 x 12.9-15.6 mm (12.28 x 8.54 x 0.51-0.61 inches)

Weight^[2]

Starting at 990 g (2.18 lbs)

Case Color**

- Luna grey, dual-tone design
- Mystic violet, dual-tone design^[3]
- Veil blue, dual-tone design^[4]

Case Material

Aluminium (top), aluminium (bottom)

Surface Treatment

Anodizing sandblasting

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.

[3], [4] Only available in some regions.

CONNECTIVITY

Network

WLAN + Bluetooth®**^[1]

- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 7 BE201, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

WWAN

No support

Ethernet

No onboard Ethernet^[2]

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.

[2] Ethernet support via optional docking or Lenovo® USB-C® to Ethernet Adapter.

Ports^[1]

Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x USB-C® (USB 10Gbps), with USB PD 45-65W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 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 supported via USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkBook® 14x ILL](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

BIOS Security

- Hard disk password
- Power-on password
- Supervisor password
- User password
- Self-healing BIOS

Other Security

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

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- No base warranty

ACCESSORIES

Bundled Accessories

Bundled Accessories^[1]

- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkBook® 14x ILL](#).

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: 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]

30% PCC recycled plastic used in the battery pack enclosure

50% PCC recycled plastic used in key caps

90% PCC recycled plastic used in 65W adapter

100% plastic free packaging

Dry pressed pulp cushion

Bamboo fiber NB bag

FSC certified content in carton, pizza box, and accessory box

Paper sealing label and adapter film.

Notes:

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

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 9.0
- EPEAT 2.0 Gold Registered^[3]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

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

Other Certifications

- (Optional) TÜV Rheinland® Eye Comfort Certification (5-star)
 - (Optional) Eyesafe® Certified 2.0
 - TÜV Rheinland® Low Blue Light (Hardware Solution)
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- 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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