

OVERVIEW



1. USB-A (USB 5Gbps), Always On	4. HDMI
2. USB-C (USB4 40Gbps), USB PD 45-65W & DP1.4	5. USB-C (USB4 40Gbps), USB PD 45-65W & DP1.4
3. Kensington Nano Security Slot	6. Headphone / microphone combo jack (3.5mm)

- Notes:
- Items with * are only available on selected models
 - Optional nano-SIM card slot on the right side (not shown on the sample product above)

PERFORMANCE

Processor

Processor Family

Snapdragon® X2 Elite or Snapdragon® X2 Plus

Processor**

Processor Name	Cores	Max Frequency	Cache	Processor Graphics	NPU
Snapdragon® X2 Elite X2E-80-100	12	4.7GHz (single-core) / 4.4GHz (dual-core)	34MB Total	Qualcomm® Adreno™ GPU	Qualcomm® Hexagon™ NPU, up to 80 TOPS
Snapdragon® X2 Plus X2P-42-100	6	4.0GHz (single-core) / 4.0GHz (multi-core)	22MB Total	Qualcomm® Adreno™ GPU	Qualcomm® Hexagon™ NPU, up to 80 TOPS

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC^[1]

NPU

Integrated Qualcomm® Hexagon™ NPU, up to 80 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 (on ARM)
- Windows® 11 Home (on ARM)

Graphics

Graphics

Graphics	Type	Memory	Key Features
Qualcomm® Adreno™ GPU	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support^[1]

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

- HDMI® supports up to 4K@60Hz
- USB-C® supports up to 5K@60Hz

Notes:

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

Chipset

Chipset

Qualcomm® 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-9523^[1]

Notes:

[1] Installed memory is actually LPDDR5X-9600 but runs as LPDDR5X-9523 due to platform limitation.

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	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0

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

Soundwire, Qualcomm® WCD9378C codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

Dual-microphone array, 360° far-field, Qualcomm® Fluence Voice

Camera

5.0MP + IR discrete, with privacy shutter, fixed focus, vHDR, Computer Vision on Image Signal Processor (ISP), temporal noise reduction

Battery

Battery

58Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter^[1]

Battery Life^[2]

Configuration 1 (max battery life)

JEITA-BAT 3.0 (Video/Idle): up to 22.02 hr / 29.74 hr @200nits

Local video playback: up to 27.93 hr @150nits

Alternate configuration 2

JEITA-BAT 3.0 (Video/Idle): up to 21.3 hr / 27.55 hr @200nits

Local video playback: up to 27.09 hr @150nits

Notes:

[1] 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.

[2] Configuration 1 (max battery life): WUXGA (touch), Snapdragon® X2 Plus X2P-42-100, 16GB LPDDR5X, Win 11, 58Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA (touch), Snapdragon® X2 Plus X2P-42-100, 32GB LPDDR5X, Win 11, 58Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using JEITA 3.0 and continuous 1080p local video

playback (using default Media Player in Fullscreen mode with 150nits brightness and default volume level) battery-life benchmark tests.

Actual battery life will vary depending on many factors such as product configuration, software, wireless functionality, power management settings, and screen brightness.

The maximum capacity of the battery will decrease with time, ambient temperature and use.

Refer to [Microsoft® link](#) for more information about the Windows® Performance power slider.

Power Adapter

Power Adapter**[1]

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

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display**[1]

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[2]	400nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	85° / 85° / 85° / 85°	3M™ DBEF5
14"	WUXGA (1920x1200)	Multi-touch	IPS[3]	500nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	85° / 85° / 85° / 85°	Low power, Eyesafe® Certified 2.0

Touchscreen

- In-cell multi-touch, supports 10-point touch
- Non-touch

Screen-to-Body Ratio

88%

Notes:

[1] 3M™ DBEF5 (Dual Brightness Enhancement Film) improves the experience with higher brightness and lower energy.

[2], [3] 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 / 1.35mm (Fn row & G/H/B), Copilot key

Keyboard Backlight

LED backlight

UltraNav™

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu

Glass-like Mylar® surface multi-touch 3-button Trackpad, 60 x 115 mm (2.36 x 4.53 inches)

Mechanical

Dimensions (WxDxH)[1]

313 x 219.4 x 10.7/15.85 (front/rear), 18.56 (maximum) mm
12.32 x 8.64 x 0.42/0.62 (front/rear), 0.73 (maximum) inches

Weight^[2]

Starting at 1.16 kg (2.56 lbs)

Case Color

Black

Case Material

CFRP (top), aluminium or magnesium (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^[1]

Qualcomm® Wi-Fi® 7 NCM825A, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4

WWAN**

- Wireless WAN upgradable to 5G (with antenna ready)^[2]
- Snapdragon® X61 5G Modem-RF System, Sub-6 GHz, M.2 card, with embedded eSIM functionality
- No support

SIM Card^{**[3]}

- KDDI eSIM Program 3-year (Japan)
- KDDI eSIM Program 3-year with international roaming (Japan)
- KDDI eSIM Program 4-year (Japan)
- KDDI eSIM Program 4-year with international roaming (Japan)
- KDDI eSIM Program 5-year (Japan)
- KDDI eSIM Program 5-year with international roaming (Japan)
- No physical SIM card included

Ethernet

No onboard Ethernet^[4]

NFC

No support

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] Wireless WAN upgradable to 5G is only available in EMEA.

[3] KDDI eSIM Program has no physical SIM card inbox and is for special bid only.

[4] Ethernet support via optional Lenovo® USB-C® to Ethernet Adapter.

Ports^[1]

Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 2x USB-C® (USB4® 40Gbps), with USB PD 15-65W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports

1x Nano-SIM card slot (WWAN support models)

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 ThinkPad® T14s Gen 7 \(Snapdragon®\)](#)

SECURITY & PRIVACY

Security

ThinkShield

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit [here](#)

Security Chip

Discrete TPM 2.0, TCG certified

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader

No smart card reader

Fingerprint Reader

Touch style fingerprint reader integrated in power button, match-on-chip

BIOS Security

- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- NVMe® password
- Power-on password
- Supervisor password
- System management password
- Self-healing BIOS
- More BIOS security features, please visit [BIOS Simulator](#)

Other Security

- Computer Vision-based Human Presence Detection on Image Signal Processor (ISP)
- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty

ACCESSORIES

Bundled Accessories

Bundled Accessories***[1]

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

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® T14s Gen 7 \(Snapdragon®\)](#).

OPERATING REQUIREMENTS

Operating Environment

Temperature^[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Storage without package: 5°C (41°F) to 43°C (109°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]

Top cover: CFRP(100% biobased) + PCGF (30% PCC)
Display bezel: 50% PCC recycled plastic
Keyboard frame: 90% recycled magnesium
Bottom cover: 90% Recycled Magnesium or 50% Recycled Aluminum
Keycaps (backlit): 85% PCC recycled plastic
Speaker enclosure: 90% PCC recycled plastic
Cable/antenna holders: 30% PCC recycled plastic
Hall Sensor Magnet: 30% Recycled Rare Earth Materials
Battery: 100% recycled cobalt
Battery frame: 90% PCC recycled plastic
Speaker Magnet: 30% Recycled Rare Earth Materials
Packaging: Plastic-free primary packaging with FSC-certified paper

Notes:

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

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 9.0
- EPEAT™ 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) Eyesafe® Certified 2.0

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