

OVERVIEW



1. Headphone / microphone combo jack (3.5mm)	4. USB-C 3.2 Gen 2
2. Nano-SIM card slot *	5. USB-C 3.2 Gen 2
3. Kensington Nano Security Slot	

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon® Processor

Processor

Processor Name	Cores	Threads	Max Frequency	Cache	Processor Graphics	NPU
Qualcomm® Snapdragon® 8cx Gen 3	4x Kryo Prime + 4x Kryo Gold	8	Kryo Prime / Gold @3.0GHz	1MB L2 for Prime core + 512KB L2 for Gold Core	Qualcomm® Adreno™ 690 GPU	Qualcomm® Hexagon™ NPU

AI (Artificial Intelligence)

AI PC Category

AI PC

NPU

Integrated Qualcomm® Hexagon™ NPU, up to 15 TOPS

Operating System

Operating System**

- Windows® 11 Pro (on ARM)
- Windows® 11 Home (on ARM)
- Windows® 11 Home Single Language (on ARM)

Graphics

Graphics

Graphics	Type	Memory	Key Features
Qualcomm® Adreno™ 690 GPU	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®)

- USB-C® supports up to 5K@60Hz

Chipset

Chipset

Qualcomm® SoC (System on Chip) platform

Memory

Max Memory

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR4x-4266

Storage

Storage Support^[1]

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

Storage Slot

One M.2 2242 PCIe® 3.0 x4 slot

Storage Type

Disk Type	Interface	Offering	Security
M.2 2242 SSD ^[2]	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] PCIe® 4.0x4 is downgraded to closer to PCIe® 3.0x4 due to the system slot limitation.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Qualcomm® WCD9385 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

Triple-microphone array, far-field

Camera**

- 5.0MP + IR discrete, with E-shutter, MIPI, fixed focus
- 5.0MP + IR discrete, with E-shutter, MIPI, fixed focus, Computer Vision
- 5.0MP, with E-shutter, MIPI, fixed focus

Battery

Battery

Integrated Li-Polymer 49.5Wh battery

Battery Life^[1]

Configuration 1 (max battery life)

Local video playback: up to 28 hr @150nits

Alternate configuration 2

Local video playback: up to 26.2 hr @150nits

Alternate configuration 3

Local video playback: up to 22.2 hr @150nits

Notes:

[1] Configuration 1 (max battery life): WUXGA 400nits (non-touch), Qualcomm® Snapdragon® 8cx Gen 3, 8GB LPDDR4x, Win 11, 49.5Wh battery, balanced power mode

Alternate configuration 2: WUXGA 300nits (non-touch), Qualcomm® Snapdragon® 8cx Gen 3, 16GB LPDDR4x, Win 11, 49.5Wh battery, balanced power mode

Alternate configuration 3: WQXGA 300nits (touch), Qualcomm® Snapdragon® 8cx Gen 3, 32GB LPDDR4x, Win 11, 49.5Wh battery, balanced power mode

All battery life claims are approximate maximum and based on results using 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]

- 45W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 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® slim (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

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

Notes:

[1] AC adapter offerings depend on the country.

[2] No power adapter is for special bid only.

DESIGN

Display

Display**^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
13.3"	WUXGA (1920x1200)	None	IPS	300nits	Anti-glare	16:10	1500:1	100% sRGB	85° / 85° / 85° / 85°	-
13.3"	WUXGA (1920x1200)	Multi-touch	IPS	300nits	Anti-glare	16:10	1000:1	72% NTSC	85° / 85° / 85° / 85°	-
13.3"	WUXGA (1920x1200)	None	IPS	400nits	Anti-glare	16:10	1500:1	100% sRGB	85° / 85° / 85° / 85°	Low power, Eyesafe® Certified

Touchscreen

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

Notes:

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

Input Device

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls

Keyboard Backlight

LED backlight

UltraNav™

TrackPoint® pointing device and glass-like Mylar® surface multi-touch touchpad, 56 x 115 mm (2.24 x 4.53 inches)

Mechanical

Dimensions (WxDxH)^[1]

298.7 x 206.4 x 13.4 mm (11.76 x 8.13 x 0.53 inches)

Weight^[2]

Starting at 1.06 kg (2.35 lbs)

Case Color

Thunder black

Case Material

Magnesium-aluminium (top), GFRP (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^[1]

WLAN + Bluetooth^[2]

Qualcomm[®] Wi-Fi[®] 6E WCN6855, 802.11ax Dual Band 2x2 Wi-Fi[®] + Bluetooth[®] 5.1 (Bluetooth[®] 5.2 hardware ready)^[3]

WWAN**

- Qualcomm[®] Snapdragon[®] X55 5G Modem-RF System, Sub-6 GHz & mmWave, M.2 card, with embedded eSIM functionality
- Qualcomm[®] Snapdragon[®] X55 5G Modem-RF System, Sub-6 GHz, M.2 card, with embedded eSIM functionality
- No support

SIM Card

No physical SIM card inbox

NFC

No support

Notes:

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

[2] Bluetooth[®] may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[3] 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.

Ports^[1]

Standard Ports

- 1x Headphone / microphone combo jack (3.5mm)
- 2x USB-C[®] 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)

Optional Ports

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

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.

Docking

Docking

Various docking solutions supported via USB-C[®].

For more compatible docking solutions, please visit [Docking for ThinkPad[®] X13s Gen 1](#)

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0 (TCG certified, FIPS 140-2 certified) and Microsoft[®] Pluton TPM 2.0, one enabled at one time

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
- No fingerprint reader

BIOS Security

- Supervisor password
- Power-on password
- System management password
- Self-healing BIOS

Other Security

- E-shutter
- (Optional) Computer Vision-based User Presence Sensing including lock on leave

SERVICE

Warranty

Base Warranty**

- 1-year courier service
- 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 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® USB-C® Port Replicator
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® X13s Gen 1](#).

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

90% certified recycled magnesium
97% PCC recycled plastic used in speaker enclosure
30% PCC recycled plastic used in the 49.5Wh battery frame
30% PCC recycled plastic used in standard 65W adapter
90% recycled and/or sustainable packaging

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered^[3]
- ErP Lot 3
- RoHS compliant
- TCO Certified 9.0

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

- 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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