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:
- Ports with * are only available on selected models

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon™ Processor

Processor

Processor Name	Cores	Threads	Max Frequency	Cache	Memory Support	Processor Graphics
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™	LPDDR4x	Qualcomm Adreno™ 690 GPU

Operating System

Operating System[**]

- Windows® 11 Pro 64 (on ARM)
- Windows 11 Home 64 (on ARM)
- Windows 11 Home 64 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[1]

- 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

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support[1]

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

Storage Slot

One M.2 2242 PCIe® Gen 3x4 slot, supports M.2 2242 SSD

Storage Type[2]

Disk Type	Interface	Offering	Security

| M.2 2242 SSD | PCIe NVMe®, PCIe 4.0 x4 | 256GB / 512GB / 1TB | Opal2 |

Notes:

1. 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.
2. The SSD with 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 array microphone, far-field

Camera**

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

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 and depends 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][2]

- 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

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	Key Features
13.3″	WUXGA (1920x1200)	None	IPS	300 nits	Anti-glare	16:10	1500:1	100% sRGB	170°	-
13.3″	WUXGA (1920x1200)	None	IPS	400 nits	Anti-glare	16:10	1500:1	100% sRGB	170°	Low power, Eyesafe® Certified
13.3″	WUXGA (1920x1200)	Multi-touch	IPS	300 nits	Anti-glare	16:10	1000:1	72% NTSC	170°	-

Touchscreen

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

Notes:

1. California Electronic Waste Recycling Fee
   In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

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[1]

Dimensions (WxDxH)

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

Weight

Starting at 1.06 kg (2.35 lbs)

Case Color

Thunder black

Case Material

Magnesium-aluminium (top), GFRP (bottom)

Notes:

1. The system dimensions and weight vary depending on configurations.

CONNECTIVITY

Network

Ethernet[1]

No Ethernet

WLAN + Bluetooth®[2][3]

Qualcomm WCN6855 Wi-Fi® 6E, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.1

WWAN**

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

SIM Card

No SIM card inbox

NFC

No support

Notes:

1. Ethernet support via optional Lenovo USB-C to Ethernet Adapter
2. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
3. Wi-Fi 6E full features might be limited by country level restrictions.
   Wi-Fi 6E 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

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

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;
   USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 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, with Microsoft Pluton TPM 2.0 integrated in SoC

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader

No smart card reader

Fingerprint Reader

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

BIOS Security

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

Other Security

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

SERVICE

Warranty

Base Warranty**[1][2]

- 1-year courier service
- 1-year depot service
- 1-year depot 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) depot service
- 3-year (1-yr battery) limited onsite service
- No base warranty

Notes:

1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty
2. Courier services are for special bid only.

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
30% PCC recycled plastic used in standard 65W adapter
90% recycled and/or sustainable packaging

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)

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).

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- Lenovo USB-C to Ethernet Adapter
- Lenovo USB-C Port Replicator
- None

CERTIFICATIONS

Green Certifications

Green Certifications

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

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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