OVERVIEW

1. Headphone / microphone combo jack (3.5mm)	4. Power button
2. Thunderbolt 4, with USB PD 15-65W & DP 2.1	5. Thunderbolt 4, with USB PD 15-65W & DP 2.1
3. Volume button	6. Kensington Nano Security Slot

Notes:
- Folio keyboard shown on above image is for demo only. It is available on selected models.

PERFORMANCE

Processor

Processor Family

Intel Core™ Ultra 5 / 7 Processor (Series 3)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra 5 332	6 (2 P-core + 4 LP E-core)	6	P-core 2.5GHz / LP E-core 1.9GHz	P-core 4.4GHz / LP E-core 3.3GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 18 TOPS	Up to 46 TOPS
Core Ultra 5 335	8 (4 P-core + 4 LP E-core)	8	P-core 2.2GHz / LP E-core 1.6GHz	P-core 4.6GHz / LP E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 47 TOPS
Core Ultra 7 365	8 (4 P-core + 4 LP E-core)	8	P-core 2.4GHz / LP E-core 1.8GHz	P-core 4.8GHz / LP E-core 3.6GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 49 TOPS

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC[1]

NPU

Up to 49 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
- No preload operating system

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel® Graphics	Integrated	Shared	DirectX® 12 Ultimate

Monitor Support

Monitor Support[1]

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

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited. 8K resolution support needs 2 display pipes. That is, simultaneous display number will “-1” when 8K resolution displayed.

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable
- 64GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type[1]

LPDDR5X-7467

Notes:

[1] Installed memory is actually LPDDR5X-8533 but runs as LPDDR5X-7467 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®, Cirrus Logic® CS42L45 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

Dual-microphone array, Elevoc Voice

Camera

Front 5.0MP + IR discrete, with privacy shutter, vHDR, fixed focus
Rear 8.0MP, autofocus

Sensor

Sensors

- Accelerometer sensor
- Gyroscope sensor
- Hall sensor

Battery

Battery

45Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max Battery Life[1]

MobileMark30@250nits: 10.97 hr

Notes:

[1] 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® (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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
13″	2.8K (2880x1920)	Multi-touch	IPS[1]	500nits	Anti-glare, Anti-reflection, Anti-smudge	3:2	1500:1	100% sRGB	120Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0

Touchscreen

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

Screen-to-Body Ratio

82.1%

Color Calibration

AICCP color calibration

Notes:

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

Input Device

Pen

- Lenovo® Slim Pen 2, supports tilt detection, magnetic attachment, on-board garaged, charged in ThinkPad® X13 Detachable Folio Keyboard via pogo pins.
- No pen bundled (purchase separately)

Keyboard

- ThinkPad® X13 Detachable Folio Keyboard
- No keyboard

Keyboard Backlight

- LED backlight
- None

Mechanical

Dimensions (WxDxH)[1]

Models	Dimensions
Tablet	290 x 210 x 9.3 mm (11.42 x 8.27 x 0.37 inches)
Tablet with folio keyboard	290 x 215 x 15.2 mm (11.42 x 8.46 x 0.60 inches)

Weight[2]

Models	Weight
Tablet	Around 0.89 kg (1.96 lbs)
Tablet with folio keyboard	Around 1.25 kg (2.76 lbs)

Case Color

Black

Case Material

Magnesium-aluminium

Others

- Hinge open angle: 170°+/-3°
- Location service: GPS / GLONASS / Galileo / Beidou / A-GPS[3]

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] Location service is only available for WWAN models.

CONNECTIVITY

Network

WLAN + Bluetooth®[1]

Intel® Wi-Fi® 7 BE211, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready), Intel® vPro® technology support

WWAN

- Snapdragon® X61 5G Modem-RF System, 5G Sub-6 GHz, M.2 card, with embedded eSIM functionality
- No support

SIM Card

No physical SIM card included

Ethernet

No onboard Ethernet

NFC

- Near Field Communication
- 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.

Ports[1]

Standard Ports

- 2x Thunderbolt™ 4, with USB PD 15-65W and DisplayPort™ 2.1
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pogo pin connector (8-point)

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 Thunderbolt™ / USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® X13 Detachable Gen 1

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™, 2.65 x 6.15 mm

Fingerprint Reader

Touch style fingerprint reader on folio keyboard, match-on-chip

BIOS Security

- Hard disk password
- Power-on password
- Supervisor password
- System management password
- Self-healing BIOS
- More BIOS security features, please visit BIOS Simulator

Other Security

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

MANAGEABILITY

System Management

System Management[1]

- Intel® vPro® Enterprise[2]
- Non-vPro®

Notes:

[1] Intel® vPro® platform require an eligible Intel® processor, a supported operating system, Intel® LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See Intel® vPro® Platform for details.

[2] Intel® vPro® offers a superset of DASH's defined capabilities.

SERVICE

Warranty

Base Warranty**[1]

- 1-year courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://support.lenovo.com/warrantylookup/warrantypolicy.

ACCESSORIES

Bundled Accessories

Bundled Accessories*[1]

- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to HDMI® Adapter
- Lenovo® USB-C® to VGA Adapter
- ThinkPad® X13 Detachable Folio Keyboard
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for ThinkPad® X13 Detachable Gen 1.

OPERATING REQUIREMENTS

Operating Environment

Temperature[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping packaging: -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: 90% (Mg), Mg/Al Hybrid Use recycled content
Kickstand: 100% recycled Aluminum Alloy
B-bezel: 50% PCC
Keyboard folio C-cover: PC+40%GF with 30% PCC
Keyboard folio D-cover: PC+25%GF with 30% PCC
Keycaps (backlit): 85% PCC
Speaker enclosure: 90%+ PCC plastic
Battery: 100% recycled cobalt
Battery frame: 90%+ PCC plastic

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

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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