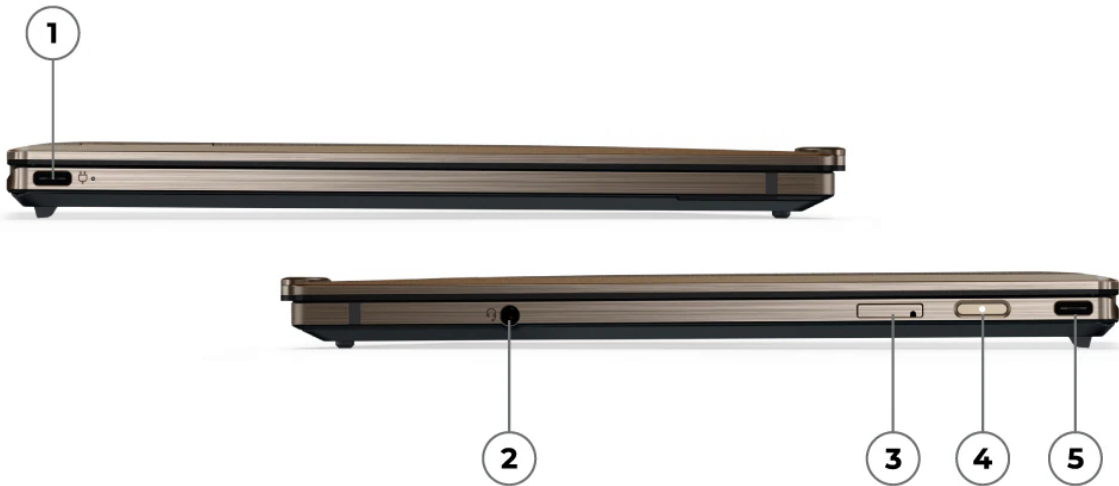


OVERVIEW



1. USB4	4. Power button
2. Headphone / microphone combo jack (3.5mm)	5. USB4
3. Nano-SIM card slot *	

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
AMD Ryzen™ 5 PRO 7540U	6	12	3.2GHz	4.9GHz	6MB L2 / 16MB L3	AMD Radeon™ 740M	-
AMD Ryzen™ 7 PRO 7840U	8	16	3.3GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 780M	AMD Ryzen™ AI

AI (Artificial Intelligence)

AI PC Category

AI PC^[1]

NPU

Integrated AMD Ryzen™ AI, up to 10 TOPS^[2]

Notes:

[1], [2] Only for the models with AMD Ryzen™ 7 PRO 7840U processor.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Fedora Linux^[1]
- Ubuntu Linux^[2]
- Linux^[3]
- No preload operating system

Notes:

[1], [2], [3] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics**

Graphics	Type	Memory	Key Features
AMD Radeon™ 740M	Integrated	Shared	DirectX® 12
AMD Radeon™ 780M	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB4®)

- USB4® supports up to 8K@30Hz^[1]

Notes:

[1] 8K resolution support needs 2 display pipes. That is, simultaneous display number will “-1” when 8K resolution displayed.

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory

- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable
- 64GB soldered memory, not upgradable^[1]

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5x-6400^[2]

Notes:

[1] Available for AMD Ryzen™ 7 PRO models only.

[2] Installed memory is actually LPDDR5x-7500 but run as LPDDR5x-6400 due to platform limitation.

Storage

Storage Support^[1]

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

Storage Slot

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 / 2TB	Opal 2.0

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

Dual-microphone array, 360° far-field, Dolby Voice®

Camera**

- FHD 1080p + IR discrete, with E-shutter, fixed focus
- FHD 1080p + IR hybrid, with E-shutter, fixed focus

Battery

Battery^[1]

Integrated Li-Polymer 51.5Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Battery Life^[2]

Configuration 1 (max battery life)
MobileMark® 25: up to 16.15 hr with 674 performance score @25Onits
JEITA 2.0: up to 24.34 hr @150nits
Local video playback: up to 23.46 hr @150nits

Alternate configuration 2
MobileMark® 25: up to 15.91 hr with 648 performance score @250nits
JEITA 2.0: up to 22.32 hr @150nits
Local video playback: up to 19.71 hr @150nits

Alternate configuration 3
MobileMark® 25: up to 10.23 hr with 634 performance score @250nits
JEITA 2.0: up to 13.6 hr @150nits
Local video playback: up to 18.4 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 (non-touch), AMD Ryzen™ 7 PRO 7840U, 16GB LPDDR5, Win 11, 51.5Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA (touch), AMD Ryzen™ 5 PRO 7540U, 16GB LPDDR5, Win 11, 51.5Wh battery, best power efficiency power mode

Alternate configuration 3: 2.8K OLED (touch), AMD Ryzen™ 5 PRO 7540U, 16GB LPDDR5, Win 11, 51.5Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 25](#), JEITA 2.0, continuous 1080p local video playback (using default Media Player in Fullscreen mode 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, 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® 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] Special bid only.

DESIGN

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
13.3"	WUXGA (1920x1200)	None	IPS[1]	400nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	Low power, TÜV Low Blue Light (Hardware Solution), 91.6% screen to body ratio
13.3"	WUXGA (1920x1200)	On-cell touch	IPS[2]	400nits	Anti-reflection, anti-smudge	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	Low power, TÜV Low Blue Light (Hardware Solution), 91.6% screen to body ratio
13.3"	2.8K (2880x1800)	OGS touch	OLED	400nits	Anti-reflection, anti-	16:10	100,000:1	100% DCI-P3	60Hz	87.5° / 87.5° / 87.5° /	DisplayHDR™ 400, Dolby Vision®, TÜV

					smudge					87.5°	Low Blue Light (Hardware Solution), 91.6% screen to body ratio
--	--	--	--	--	--------	--	--	--	--	-------	--

Touchscreen**

- OGS (One Glass Solution) multi-touch, supports 10-point touch
- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

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

Input Device

Pen

- No pen (purchase separately)
- No support (non-touch display doesn't support pen input)

Keyboard

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

Keyboard Backlight

LED backlight

UltraNav™

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu
Glass surface multi-touch Haptic Touchpad, 70.9 x 120 mm (2.79 x 4.72 inches)

Mechanical

Dimensions (WxDxH)^[1]

294.4 x 199.6 x 13.99 mm (11.59 x 7.86 x 0.55 inches)

Weight^[2]

Models	Weight
Models with arctic grey cover and OLED display	Starting at 1.24 kg (2.74 lbs)
Models with flax fiber bronze cover and OLED display	Starting at 1.27 kg (2.80 lbs)
Models with arctic grey cover and WUXGA non-touch display	Starting at 1.19 kg (2.63 lbs)
Models with arctic grey cover and WUXGA multi-touch display	Starting at 1.26 kg (2.78 lbs)
Models with flax fiber bronze cover and WUXGA multi-touch display	Starting at 1.29 kg (2.84 lbs)

Case Color**

- Arctic grey (top), black (bottom)
- Flax fiber bronze (top), black (bottom)^[3]

Case Material**

- Arctic grey models: aluminium (top), aluminium (bottom)
- Flax fiber bronze models: flax fiber + aluminium (top), aluminium (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.

[3] Available for multi-touch models only.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet^[1]

WLAN + Bluetooth®

MediaTek Wi-Fi® 6E RZ616, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3^[2]

WWAN

- Quectel EM05-G, 4G LTE CAT4, 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] 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.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

Ports^[1]**Standard Ports**

- 2x USB4® 40Gbps (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;

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® Z13 Gen 2](#)

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

Smart Card Reader

No smart card reader

Fingerprint Reader

Touch style fingerprint reader in keyboard key, match-on-chip

BIOS Security

- NVMe® password
- Power-on password
- Supervisor password

- System management password
- Certificate based BIOS authentication
- FIDO (Fast Identity Online) authentication
- Self-healing BIOS

Other Security

- E-shutter
- Glance by Mirametrix®
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management

System Management

- DASH
- Non-DASH

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^[1]

Notes:

[1] No base warranty is for special bid only.

ACCESSORIES

Bundled Accessories

Bundled Accessories*[1]**

- Lenovo® Powered USB-C® Travel Hub
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to HDMI® Adapter
- Lenovo® USB-C® to USB-A Adapter
- Lenovo® USB-C® to VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® Z13 Gen 2](#).

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]

75% recycled aluminium on top cover
Sustainable flax fiber on bronze top cover
55% recycled aluminium on bottom cover
90% PCC recycled plastic used in speaker enclosure
90% PCC recycled plastic used in the 51.5Wh battery frame
90% PCC recycled plastic used in standard 65W adapter
Low-temperature solder
FSC certified plastic free packaging with bamboo + sugarcane fiber retail box / standard cushion

Notes:

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

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered^[3]
- ErP Lot 6/26
- 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

TÜV Rheinland® Low Blue Light (Hardware Solution)

- 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.



AMD



AMD



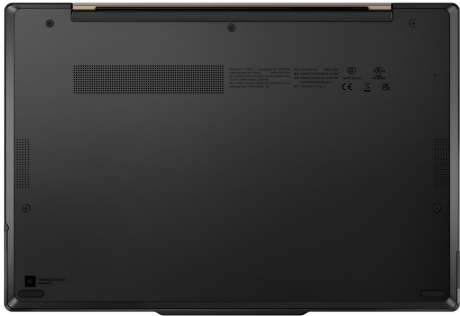
AMD



AMD



AMD



AMD