OVERVIEW

1. Round tip power connector	5. Headphone / microphone combo jack (3.5mm)
2. USB-A (USB 5Gbps)	6. Power button
3. HDMI	7. SD card reader
4. USB-C (USB 5Gbps), with USB PD 45-65W & DP 1.2	8. USB-A (USB 5Gbps)

PERFORMANCE

Processor

Processor Family

13th Generation Intel® H Series Core i5 / i7 Processor

Processor**

Processor Name	Cores	Threads	Max Frequency	Cache	Processor Graphics
Core i5-13420H	8 (4 P-core + 4 E-core)	12	P-core 4.6GHz / E-core 3.4GHz	12MB Intel® Smart Cache	Intel® UHD Graphics
Core i7-13620H	10 (6 P-core + 4 E-core)	16	P-core 4.9GHz / E-core 3.6GHz	24MB Intel® Smart Cache	Intel® UHD Graphics

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 Home Single Language in S mode
- Windows® 11 Home in S mode
- No preload operating system

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel® UHD Graphics	Integrated	Shared	DirectX® 12.1

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 4K@30Hz
• USB-C® supports up to 4K@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

- Up to 16GB DDR5-4800 offering
- Up to 24GB (8GB soldered + 16GB SODIMM) DDR5-4800 offering

Memory Slots**

- One memory soldered to systemboard, one DDR5 SODIMM slot, dual-channel capable
- One DDR5 SODIMM slot

Memory Type

DDR5-4800[2]

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.
[2] Installed memory is actually DDR5-5600 but runs as DDR5-4800 due to platform limitation.

Storage

Max Storage Support[1][2]

Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB

Storage Slot[3]

Two M.2 2242 PCIe® 4.0 x4 slots

Storage Type

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
[2] The system supports dual SSD via two M.2 slots, but Lenovo® offers only one SSD configuration with a second slot for user self-expansion.
[3] 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

SD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, optimized with Dolby Audio™

Microphone

Dual-microphone array

Camera[**]

- FHD 1080p + IR, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Battery

Battery[**]

- 50Wh Rechargeable Li-ion Battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)
- 60Wh Rechargeable Li-ion Battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life[1]

- Models with 50Wh battery:
  Local video (1080p) playback@150nits: 15 hr
- Models with 60Wh battery:
  Local video (1080p) playback@150nits: 17.5 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 round tip (3-pin) AC adapter, 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
14″	WUXGA (1920x1200)	Non-touch	IPS[1]	300nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Rheinland® Low Blue Light (Software)
14″	WUXGA (1920x1200)	Non-touch	OLED	400nits	Glossy	16:10	100,000:1	100% DCI-P3	60Hz	85° / 85° / 85° / 85°	TÜV Rheinland® Low Blue Light (Hardware), DisplayHDR™ True Black 500

Touchscreen

Non-touch

Screen-to-Body Ratio

90.1% AAR (active area ratio)

Notes:

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

Input Device

Pen

No support

Keyboard

6-row, multimedia Fn keys, key travel 1.3mm, Copilot key

Keyboard Backlight

- LED backlight
- Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Mechanical

Dimensions (WxDxH)[1][2]

Models	Dimensions
Models with aluminium top cover	314.4 x 222.1 x 16.9-17.9 mm (12.38 x 8.74 x 0.67-0.70 inches)
Models with PC-ABS top cover	314.4 x 222.1 x 17.9-18.9 mm (12.38 x 8.74 x 0.70-0.74 inches)

Weight[3]

Models	Weight
Models with 50Wh battery and IPS panel	Starting at 1.39 kg (3.06 lbs)
Models with 60Wh battery and IPS panel	Starting at 1.43 kg (3.15 lbs)
Models with 50Wh battery and OLED panel	Starting at 1.29 kg (2.84 lbs)
Models with 60Wh battery and OLED panel	Starting at 1.33 kg (2.93 lbs)

Case Color**

- Cosmic blue
- Luna grey

Case Material**

- Aluminium (top), PC-ABS (bottom)
- PC-ABS (top), PC-ABS (bottom)

Surface Treatment**

- Aluminium stamping anodized (top), texture (bottom)
- IMR (top), texture (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.
[2] The depth is 224.1 mm (8.82 inches) with the camera bump.
[3] 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]**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

WWAN

No support

Ethernet

No onboard Ethernet

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 USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 45-65W and DisplayPort™ 1.2
- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Round tip power connector

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 IdeaPad® Slim 3 14IRH10

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security[1]

- Administrator password

- Master hard disk password
- Power-on password
- User hard disk password
- User password
- Self-healing BIOS
- More BIOS security features, please visit BIOS Simulator

Other Security

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

Notes:

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

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)
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

ACCESSORIES

Bundled Accessories

Bundled Accessories*[1]**

- Lenovo® 16″ Laptop ECO Backpack B210 (black)
- Lenovo® 16″ Laptop ECO Topload T210 (black)
- Lenovo® E310 True Wireless Stereo Earbuds (white)
- Lenovo® WL310 Bluetooth® Silent Mouse (grey)
- None

Notes:

[1] For compatible accessory solutions, please visit Accessories for IdeaPad® Slim 3 14IRH10.

OPERATING REQUIREMENTS

Operating Environment

Temperature[1]

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 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).

CERTIFICATIONS

Green Certifications[1]

Green Certifications[2]

- ENERGY STAR® 9.0
- EPEAT 1.0 Gold Registered[3]
- ErP Lot 6/26
- RoHS compliant

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 (21 test items)

Other Certifications

- (Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)
- (Optional) TÜV Rheinland® Low Blue Light (Software 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.
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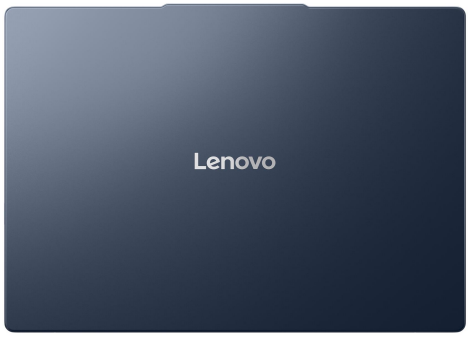
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