OVERVIEW



1. HDMI	5. Power button
2. USB-C (USB 10Gbps), with USB PD 65-100W & DP 1.4	6. microSD card reader
3. USB-C (USB 10Gbps), with USB PD 65-100W & DP 1.4	7. USB-A (USB 5Gbps)
4. Headphone / microphone combo jack (3.5mm)	8. USB-A (USB 5Gbps), Always On

PERFORMANCE

Processor

Processor Family

Intel® H Series Core Ultra 5 / 9 Processor (Series 1)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
Core Ultra 5 135H	14 (4 P-core + 8 E-core + 2 LP E-core)	18	P-core 1.7GHz / E-core 1.2GHz / LP E-core 700MHz	P-core 4.6GHz / E-core 3.6GHz / LP E-core 2.5GHz	18MB Intel® Smart Cache	Intel® Arc™ Graphics, up to 18 TOPS[1]	Intel® AI Boost, up to 11 TOPS	Up to 33 TOPS
Core Ultra 9 185H	16 (6 P-core + 8 E-core + 2 LP E-core)	22	P-core 2.3GHz / E-core 1.8GHz / LP E-core 1.0GHz	P-core 5.1GHz / E-core 3.8GHz / LP E-core 2.5GHz	24MB Intel® Smart Cache	Intel® Arc™ Graphics, up to 19 TOPS[2]	Intel® AI Boost, up to 11 TOPS	Up to 35 TOPS

Notes:

[1], [2] Intel® Arc™ Graphics only available on select H-series Intel Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

AI (Artificial Intelligence)

AI PC Category

AI PC[1]

NPU

Integrated Intel® AI Boost, up to 11 TOPS

Notes:

[1] AI PCs have a Neural Processing Unit (NPU) designed to accelerate artificial intelligence and machine learning workloads on the device.

Operating System

Operating System**

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

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel® Arc™ Graphics[1]	Integrated	Shared	DirectX® 12.2

Notes:

[1] Intel® Arc™ Graphics only available on select H-series Intel Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

Monitor Support

Monitor Support

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

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

Up to 32GB DDR5-5600 offering

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type**

- DDR5-4800
- DDR5-5600

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

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 slots
• One M.2 2242 PCIe® 4.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot

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

microSD 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, with ToF sensor

Battery

Battery

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

Max Battery Life[1]

MobileMark® 30@250nits: 7.9 hr

Local video (1080p) playback@150nits: 20 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® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® slim (2-pin, wall-mount) 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
14"	WUXGA (1920x1200)	Non-touch	IPS[1]	300nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Rheinland® Low Blue Light (Software)
14"	WUXGA (1920x1200)	Non-touch	IPS[2]	400nits	Anti-glare	16:10	1200:1	100% sRGB	120Hz	89° / 89° / 89° / 89°	TÜV Rheinland® Low Blue Light (Hardware)
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
14"	2.8K (2880x1800)	Non-touch	OLED	500nits	Glossy	16:10	100,000:1	100% DCI-P3	120Hz	85° / 85° / 85° / 85°	TÜV Rheinland® Low Blue Light (Hardware)

Touchscreen

Non-touch

Screen-to-Body Ratio

90% AAR (active area ratio)

Notes:

[1], [2] 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]

313.4 x 222 x 16.9 mm (12.34 x 8.74 x 0.67 inches)

Weight[2]

Models	Weight
Models with IPS panel	Around 1.47 kg (3.24 lbs)
Models with OLED panel	Around 1.39 kg (3.06 lbs)

Case Color**

- Cosmic blue
- Luna grey

Case Material

Aluminium (top), aluminium (bottom)

Surface Treatment

Anodizing sandblasting

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

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

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x USB-C® (USB 10Gbps), with USB PD 65-100W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

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 5 14IMH10

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
- 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
- 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]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for IdeaPad® Slim 5 14IMH10.

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 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).

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)

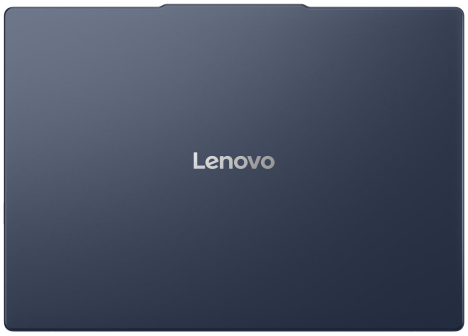
Other Certifications

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

- 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.
- 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.






Lenovo


Lenovo



