

OVERVIEW



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

PERFORMANCE

Processor

Processor Family

Snapdragon® C

Processor

Processor Name	Cores	Max Frequency	Cache	Processor Graphics
Snapdragon® C1-10-100	8	3.0GHz (single-core) / 2.0GHz (multi-core) ^[1]	2MB Total	Qualcomm® Adreno™ GPU

Notes:

[1] 1x @3GHz, 3x@ 2.6GHz, 4x@ 2GHz

Operating System

Operating System**

- Windows® 11 Pro (on ARM)
- Windows® 11 Home (on ARM)
- Windows® 11 Home Single Language (on ARM)

Graphics

Graphics

Graphics	Key Features
Qualcomm® Adreno™ GPU	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitors via HDMI® or USB-C®)

- HDMI® supports up to 4K@30Hz
- USB-C® supports up to 4K@60Hz

Chipset

Chipset

Qualcomm® SoC (System on Chip) platform

Memory

Max Memory

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

LPDDR5X-6393

Storage

Max Storage Support**^[1]

- 128GB UFS 3.1 on systemboard
- One drive, up to 512GB M.2 2242 SSD

Storage Slot^[2]

- UFS on systemboard, no slots (UFS models)
- One M.2 2242 PCIe® 3.0 x2 slot (M.2 SSD models)

Storage Type**

Disk Type	Interface	Offering
Flash Memory	UFS 3.1	128GB
M.2 2242 SSD ^[3]	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB

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).

[3] M.2 PCIe® 4.0 x4 SSD in the M.2 PCIe® 3.0 x2 slot is downgraded to PCIe® 3.0 x2 performance.

Removable Storage

Card Reader

microSD card reader

Multi-Media

Audio Chip

Qualcomm® WCD9370 codec

Speakers

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

Microphone

Dual-microphone array

Camera

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) with 65W AC adapter

Max Battery Life^[1]

Web browsing: 13.5 hr
Local video (1080p) playback@150nits: 33 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
- No power adapter

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display^{**[1]}

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
15.3"	WUXGA (1920x1200)	Non-touch	IPS	400nits	Anti-glare	16:10	1200:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Rheinland®

											Low Blue Light (Software)
15.3"	WUXGA (1920x1200)	Multi-touch	IPS	400nits	Anti-glare	16:10	1200:1	100% sRGB	120Hz	89° / 89° / 89° / 89°	TÜV Rheinland® Low Blue Light (Software)

Touchscreen

- Capacitive-type multi-touch, supports 10-point touch
- Non-touch

Screen-to-Body Ratio

90.7% 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, numeric keypad, 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	343.4 x 239.5 x 16.9-17.9 mm (13.52 x 9.51 x 0.67-0.70 inches)
Models with PC-ABS top cover	343.4 x 239.5 x 17.9-18.9 mm (13.52 x 9.43 x 0.70-0.74 inches)

Weight^[3]

Starting at 1.5 kg (3.31 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 241.5 mm (9.51 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® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 6.0

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)
- 2x USB-C® (USB 5Gbps), with USB PD 45-65W and DisplayPort™ 1.2
- 1x HDMI® 1.4
- 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 3 15Q7X11](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- User password

Other Security

Camera privacy shutter

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]

- Lenovo® 16" Laptop ECO Backpack B210 (black)
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® Slim 3 15Q7X11](#).

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

- ENERGY STAR® 9.0
- EPEAT 2.0 Silver Registered^[2]
- 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 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

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.
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