## OVERVIEW

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

# PERFORMANCE

## Processor

**Processor Family**

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

**Processor****

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics | NPU |
|---|---|---|---|---|---|---|---|
| Core 3 304 | 5 (1 P-core + 4 LP E-core) | 5 | P-core 1.5GHz / LP E-core 1.4GHz | P-core 4.3GHz / LP E-core 3.3GHz | 6MB Intel® Smart Cache | Intel® Graphics, up to 9 TOPS | Up to 15 TOPS |
| Core 5 315 | 6 (2 P-core + 4 LP E-core) | 6 | P-core 1.5GHz / LP E-core 1.4GHz | P-core 4.4GHz / LP E-core 3.3GHz | 6MB Intel® Smart Cache | Intel® Graphics, up to 18 TOPS | Up to 15 TOPS |
| Core 5 320 | 6 (2 P-core + 4 LP E-core) | 6 | P-core 1.5GHz / LP E-core 1.4GHz | P-core 4.6GHz / LP E-core 3.4GHz | 6MB Intel® Smart Cache | Intel® Graphics, up to 20 TOPS | Up to 16 TOPS |
| Core 7 350 | 6 (2 P-core + 4 LP E-core) | 6 | P-core 1.5GHz / LP E-core 1.4GHz | P-core 4.8GHz / LP E-core 3.6GHz | 6MB Intel® Smart Cache | Intel® Graphics, up to 21 TOPS | Up to 17 TOPS |

## AI (Artificial Intelligence)

**AI PC Category**

AI PC[1]

**NPU**

Up to 17 TOPS

Notes:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft® Copilot key or using Win + C.

## 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® Graphics | Integrated | Shared | DirectX® 12 |

## 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 32GB DDR5-5600 offering

**Memory Slots**

One DDR5 SODIMM slot

**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]

- 128GB UFS 2.2 on systemboard
- 256GB UFS 2.2 on systemboard
- 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 |
|---|---|---|
| Flash Memory | UFS 2.2 | 128GB / 256GB |
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 3.0 x4 | 256GB |
| 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 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: 16.66 hr
- Models with 60Wh battery:
  Local video (1080p) playback@150nits: 18.5 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 17.3″ | FHD (1920x1080) | Non-touch | IPS[1] | 300nits | Anti-glare | 16:9 | 800:1 | 72% NTSC | 60Hz | 85° / 85° / 85° / 85° |

**Touchscreen**

Non-touch

**Screen-to-Body Ratio**

84.2% 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]

399 x 274 x 19.9 mm (15.71 x 10.79 x 0.78 inches)

**Weight**[2]

Starting at 2.03 kg (4.48 lbs)

**Case Color****

- Cosmic blue
- Luna grey

**Case Material**

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

**Surface Treatment**

Painting (top), texture (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.

# CONNECTIVITY

## Network

**WLAN + Bluetooth®[1]**

Wi-Fi® 6, 802.11ax 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)
- 1x 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 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 17IWC11

# SECURITY & PRIVACY

## Security

**Security Chip**

Firmware TPM 2.0 integrated in SoC

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Administrator password
- Master hard disk password (M.2 SSD models only)
- Power-on password
- User hard disk password (M.2 SSD models only)
- 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)

# SERVICE

## Warranty

**Base Warranty****

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

# ACCESSORIES

## Bundled Accessories

**Bundled Accessories***[1]

- Lenovo® E310 True Wireless Stereo Earbuds (white)
- Lenovo® WL310 Bluetooth® Silent Mouse (grey)
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for IdeaPad® Slim 3 17IWC11.

# 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 (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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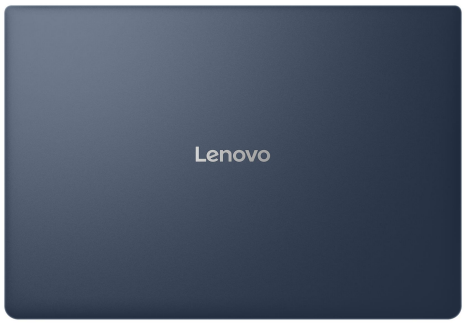
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