

## OVERVIEW



|   |  |
|---|--|
| 1. Power connector                      | 5. Headphone / microphone combo jack (3.5mm) |
| 2. USB 3.2 Gen 1                        | 6. Card reader                               |
| 3. HDMI                                 | 7. USB 2.0                                   |
| 4. USB-C 3.2 Gen 1 (data transfer only) |  |

## PERFORMANCE

### Processor

#### Processor Family

13th Generation Intel® Core™ i3 / i5 / i7 Processor

#### Processor\*\*

| Processor Name | Cores                    | Threads | Base Frequency                | Max Frequency                 | Cache | Processor Graphics                      |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|---|
| Core i3-1315U  | 6 (2 P-core + 4 E-core)  | 8       | P-core 1.2GHz / E-core 0.9GHz | P-core 4.5GHz / E-core 3.3GHz | 10MB  | Intel® UHD Graphics                     |
| Core i5-1334U  | 10 (2 P-core + 8 E-core) | 12      | P-core 1.3GHz / E-core 0.9GHz | P-core 4.6GHz / E-core 3.4GHz | 12MB  | Intel® Iris® Xe Graphics <sup>[1]</sup> |

Notes:

[1] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as 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 | TGP           | Key Features  |
|---|------------|--------|---------------|---------------|
| Intel® UHD Graphics                     | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |
| Intel® Iris® Xe Graphics <sup>[1]</sup> | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |

Notes:

[1] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

### Monitor Support

#### Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via HDMI®)

- HDMI® supports up to 3840x2160@30Hz

### Chipset

#### Chipset

Intel® SoC (System on Chip) platform

### Memory

#### Max Memory<sup>[1]</sup>

- Up to 12GB (8GB soldered + 4GB SO-DIMM) DDR4-3200 offering
- Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR4-3200 offering

#### Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

#### Memory Type

DDR4-3200

## Notes:

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

## Storage

### Storage Support<sup>[1]</sup>

One drive, up to 1TB M.2 2242 SSD

### Storage Slot

One M.2 PCIe® 4.0 x4 slot

### Storage Type

| Disk Type    | Interface                 | Offering            |
|--------------|---------------------------|---------------------|
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 3.0 x4 | 128GB               |
| 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.

## Removable Storage

### Card Reader

SD card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 1.5W x2, optimized with Dolby Audio™

### Microphone

Dual-microphone array

### Camera

HD 720p, with privacy shutter, fixed focus

## Battery

### Battery

42Wh Rechargeable Li-ion Battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

### Max Battery Life<sup>[1]</sup>

MobileMark® 2018@200nits: 7 hr

Local video (1080p) playback@150nits: 10.5 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

65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

## DESIGN

## Display

### Display\*\*

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect | Contrast | Color | Viewing Angle |
|------|------------|-------|------|------------|---------|--------|----------|-------|---------------|
|------|------------|-------|------|------------|---------|--------|----------|-------|---------------|

|       |                 |             |                    |         |            | Ratio | Ratio | Gamut    | (L/R/U/D)             |
|-------|-----------------|-------------|--------------------|---------|------------|-------|-------|----------|-----------------------|
| 15.6" | FHD (1920x1080) | None        | TN                 | 250nits | Anti-glare | 16:9  | 400:1 | 45% NTSC | 45° / 45° / 15° / 35° |
| 15.6" | FHD (1920x1080) | None        | IPS <sup>[1]</sup> | 300nits | Anti-glare | 16:9  | 800:1 | 45% NTSC | 85° / 85° / 85° / 85° |
| 15.6" | FHD (1920x1080) | Multi-touch | IPS <sup>[2]</sup> | 300nits | Anti-glare | 16:9  | 800:1 | 45% NTSC | 85° / 85° / 85° / 85° |

#### Touchscreen

- 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 support

#### Keyboard

6-row, multimedia Fn keys, numeric keypad

#### Keyboard Backlight

Non-backlight

#### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

## Mechanical

#### Dimensions (WxDxH)<sup>[1]</sup>

360.2 x 236 x 17.9 mm (14.18 x 9.29 x 0.70 inches)

#### Weight<sup>[2]</sup>

Starting at 1.62 kg (3.57 lbs)

#### Case Color\*\*

- Abyss blue
- Cloud grey
- Sand

#### Surface Treatment

IMR (in-mold decoration by roller)

#### Case Material

PC-ABS (top), PC-ABS (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<sup>[1]</sup>

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card<sup>[2]</sup>

#### WWAN

No support

#### Ethernet

No onboard Ethernet

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**Notes:**

[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Wi-Fi® 6 operation is subject to the regulation rules in each country.

**Ports<sup>[1]</sup>****Standard Ports**

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer only)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 1x Power connector

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**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.

## SECURITY & PRIVACY

### Security

**Security Chip**

Firmware TPM 2.0 integrated in SoC

**Fingerprint Reader**

- Touch style fingerprint reader integrated in power button
- No fingerprint reader

**BIOS Security**

- Administrator password
- Hard disk password
- Power-on password
- Self-healing BIOS

**Other Security**

Camera privacy shutter

## SERVICE

### Warranty

**Base Warranty\*\***

- 1-year mail-in service
- 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<sup>[1]</sup>**

None

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Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® 1 15IRU7](#).

## OPERATING REQUIREMENTS

### Operating Environment

#### Temperature<sup>[1]</sup>

- 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)

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Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

- ENERGY STAR® 8.0<sup>[2]</sup>
  - ErP Lot 6/26
  - RoHS compliant
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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] ENERGY STAR® certification is optional and only available on the models with preloaded OS. Please visit [energystar.gov](http://energystar.gov) for more information.

- 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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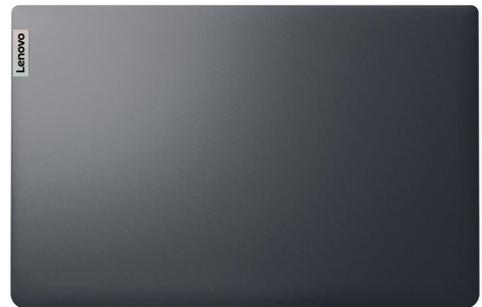
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