

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	Max Frequency	Cache	Processor Graphics
Core i3-1315U	6 (2 P-core + 4 E-core)	8	P-core 4.5GHz / E-core 3.3GHz	10MB Intel® Smart Cache	Intel® UHD Graphics
Core i5-1334U	10 (2 P-core + 8 E-core)	12	P-core 4.6GHz / E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Iris® Xe Graphics <sup>[1]</sup>
Core i5-1335U	10 (2 P-core + 8 E-core)	12	P-core 4.6GHz / E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Iris® Xe Graphics <sup>[2]</sup>

Notes:

[1], [2] 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 SODIMM) DDR4-3200 offering
- Up to 16GB (8GB soldered + 8GB SODIMM) DDR4-3200 offering

Memory Slots

One memory soldered to systemboard, one DDR4 SODIMM 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

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

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

Storage Slot<sup>[2]</sup>

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.

[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, 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 Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
15.6"	FHD (1920x1080)	Non-touch	TN	250nits	Anti-glare	16:9	400:1	45% NTSC	45° / 45° / 15° / 35°
15.6"	FHD (1920x1080)	Multi-touch	IPS <sup>[1]</sup>	300nits	Anti-glare	16:9	800:1	45% NTSC	85° / 85° / 85° / 85°
15.6"	FHD (1920x1080)	Non-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

Screen-to-Body Ratio

87% 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, 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

Case Material

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

Surface Treatment

IMR (in-mold decoration by roller)

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>®</sup><sup>[1]</sup>**

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

**WWAN**

No support

**Ethernet**

No onboard Ethernet

Notes:

[1] Wi-Fi<sup>®</sup> operation (including Wi-Fi<sup>®</sup> 6, Wi-Fi<sup>®</sup> 6E, Wi-Fi<sup>®</sup> 7, etc.) is subject to the regulatory requirements of each country. Bluetooth<sup>®</sup> may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

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

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

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<sup>®</sup> 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4<sup>®</sup> 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt<sup>™</sup> 3/4: 40 Gbit/s.

Thunderbolt<sup>™</sup> 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

## 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<sup>\*\*</sup>**

- 1-year mail-in service
- 1-year courier or carry-in service

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories<sup>[1]</sup>

None

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)

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® 9.0<sup>[2]</sup>
- 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] ENERGY STAR® certification is optional and only available on the models with preloaded OS. Please visit [energystar.gov](https://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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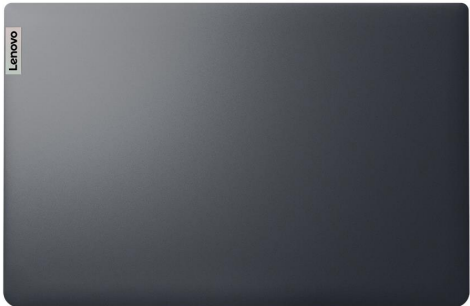
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