

## OVERVIEW



1. NOVO button hole	5. USB 3.2 Gen 1
2. Card reader	6. HDMI
3. USB 2.0	7. USB-C 3.2 Gen 1 (data transfer only)
4. Power connector	8. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

Intel® Celeron®, Intel® Pentium®, or 11th Generation Intel® Core™ i3 / i5 / i7 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron® 6305	2	2	1.8GHz	-	4MB	Intel® UHD Graphics
Pentium® Gold 7505	2	4	2.0GHz	3.5GHz	4MB	Intel® UHD Graphics
Core™ i3-1115G4	2	4	3.0GHz	4.1GHz	6MB	Intel® UHD Graphics
Core™ i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	Intel® Iris® Xe Graphics <sup>[1]</sup>
Core™ i5-1155G7	4	8	2.5GHz	4.5GHz	8MB	Intel® Iris® Xe Graphics <sup>[2]</sup>
Core™ i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	Intel® Iris® Xe Graphics <sup>[3]</sup>

Notes:

[1], [2], [3] 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
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 10 Home 64 Single Language
- Windows® 10 Home Single Language in S mode
- Windows® 10 Home in S mode
- No preload operating system

### Graphics

#### Graphics\*\*

Graphics	Type	Memory	Key Features
Intel® UHD Graphics	Integrated	Shared	DirectX® 12.1
Intel® Iris® Xe Graphics <sup>[1]</sup>	Integrated	Shared	DirectX® 12.1
NVIDIA® GeForce MX350	Discrete	2GB GDDR5	DirectX® 12
NVIDIA® GeForce MX450	Discrete	2GB GDDR5	DirectX® 12

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 4K@30Hz

### Chipset

#### Chipset

Intel® SoC (System on Chip) platform

### Memory

**Max Memory\*\*[1]**

- Up to 12GB (4GB soldered + 8GB 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\*\*[1]**

- Models with 38Wh battery: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 1TB
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB
- Models with 45Wh battery: one drive, 1x M.2 SSD
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB

**Storage Slot\*\***

- Models with 38Wh battery: one 2.5" drive slot + one M.2 slot
  - One 2.5" SATA HDD slot
  - One M.2 2280 PCIe® 3.0 x4 slot
- Models with 45Wh battery: one M.2 slot
  - One M.2 2280 PCIe® 3.0 x4 slot

**Storage Type\*\*\*[2]**

Disk Type	Interface	RPM	Offering
2.5" SATA HDD	SATA 6Gb/s	5.4K	500GB / 1TB
M.2 2280 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-	512GB / 1TB
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-	1TB
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-	128GB / 256GB / 512GB
M.2 2242 SSD	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] M.2 PCIe® Gen 4 SSD in the M.2 PCIe® Gen 3 slot is downgraded to PCIe® Gen 3 performance.

**Removable Storage****Optical**

- USB external DVD burner (DVD±RW), 9.5mm high
- None

**Card Reader**

SD card reader

**Multi-Media****Audio Chip**

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**

Stereo speakers, 1.5W x2, Dolby® Audio™

**Microphone**

Dual-microphone array

**Camera**

HD 720p, with privacy shutter, fixed focus

## Battery

### Battery\*\*

- Integrated Li-Polymer 38Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

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

- Models with 38Wh battery:  
MobileMark® 2018: 5.5 hr  
Local video (1080p) playback@150nits: 8.5 hr
- Models with 45Wh battery:  
MobileMark® 2018: 7.5 hr  
Local video (1080p) playback@150nits: 12 hr

Notes:

<sup>[1]</sup> All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, 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\*\*<sup>[1]</sup>

- 65W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz
- 65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

Notes:

<sup>[1]</sup> AC adapter offerings depend on the country.

## DESIGN

## Display

### Display\*\*

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Color Gamut
15.6"	FHD (1920x1080)	None	TN	250nits	Anti-glare	16:9	45% NTSC
15.6"	FHD (1920x1080)	None	IPS <sup>[1]</sup>	300nits	Anti-glare	16:9	45% NTSC
15.6"	FHD (1920x1080)	Multi-touch	IPS <sup>[2]</sup>	300nits	Anti-glare	16:9	45% NTSC

### Touchscreen

- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

<sup>[1]</sup>, <sup>[2]</sup> IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

## Input Device

### Keyboard

6-row, multimedia Fn keys, numeric keypad

### Keyboard Backlight

- LED 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>

359.2 x 236.5 x 19.9 mm (14.14 x 9.31 x 0.78 inches)

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

Starting at 1.65 kg (3.64 lbs)

**Case Color\*\***

- Abyss blue
- Arctic grey
- Galaxy blue
- Sand

**Surface Treatment**

IMR (in-mold decoration by roller)

**Case Material\*\***

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

**Ethernet**

No onboard Ethernet

**WLAN + Bluetooth®\*\***

- 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card<sup>[1]</sup>

Notes:

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.

### 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

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
- Power-on password
- Hard disk password

**Other Security**

Camera privacy shutter

## SERVICE

### Warranty

**Base Warranty\*\***

- 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

## ENVIRONMENTAL

### 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).

## ACCESSORIES

### Bundled Accessories

**Bundled Accessories\*\*\*<sup>[1]</sup>**

- Lenovo® 15.6" laptop casual toplayer, polyester, black
- Wireless mouse
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® 3 15ITL6](#).

## CERTIFICATIONS

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

**Green Certifications<sup>[2]</sup>**

- ErP Lot 3
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit [epeat.net](http://epeat.net) and [energystar.gov](http://energystar.gov) for more information.

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
- 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.



intel



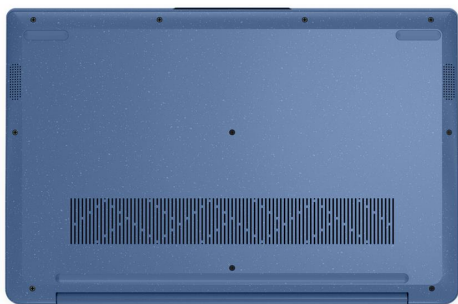
intel



intel



intel



intel



intel