

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 ^[1]
Core™ i5-1155G7	4	8	2.5GHz	4.5GHz	8MB	Intel® Iris® Xe Graphics ^[2]
Core™ i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	Intel® Iris® Xe Graphics ^[3]

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 ^[1]	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**^[1]

- 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:

^[1] 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**^[1]

- 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:

^[1] 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 ^[1]	300nits	Anti-glare	16:9	45% NTSC
15.6"	FHD (1920x1080)	Multi-touch	IPS ^[2]	300nits	Anti-glare	16:9	45% NTSC

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

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)^[1]

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

Weight^[2]

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^[1]

Notes:

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

Ports^[1]

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

ACCESSORIES

Bundled Accessories

Bundled Accessories*[1]**

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

Notes:

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

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

- 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. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

- 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.
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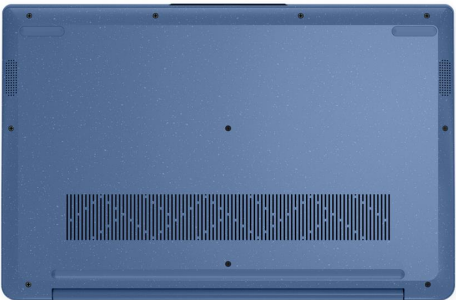
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