

## OVERVIEW



1. USB 3.2 Gen 1 (Always On)	6. HDMI
2. USB 3.2 Gen 1	7. USB-C 3.2 Gen 1
3. SD card reader	8. Headphone / microphone combo jack (3.5mm)
4. Power button	9. NOVO button hole
5. Power connector	

Notes:

- If a USB-C adapter is shipped with your computer, connect the adapter to USB-C 3.2 Gen 1 for charging

## PERFORMANCE

### Processor

#### Processor Family

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

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor 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
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	Intel Iris Xe Graphics

### Operating System

#### Operating System\*\*

- Windows® 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 Home Single Language in S mode
- Windows 10 Home in S mode
- Windows 10 Pro 64
- Windows 11 Home Single Language in S mode
- Windows 11 Home in S mode
- Windows 11 Pro

### Graphics

#### Graphics\*\*

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12.1
Intel Iris Xe Graphics	Integrated	Shared	DirectX 12.1
NVIDIA® GeForce MX450	Discrete	2GB GDDR6	DirectX 12

### Monitor Support

#### Monitor Support

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

- HDMI supports up to 4096x2160@30Hz

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Max Memory\*\*

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable
- 12GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

#### Memory Slots\*\*

- Memory soldered to systemboard, no slots, single-channel (4GB models)
- Memory soldered to systemboard, no slots, dual-channel (8GB, 12GB, or 16GB models)

#### Memory Type

DDR4-3200

### Storage

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

One drive, up to 512GB M.2 2242 SSD or 512GB M.2 2280 SSD

**Storage Slot**

One M.2 2280 PCIe® 3.0 x4 slot

**Storage Type\*\***

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	128GB / 256GB / 512GB
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	512GB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

**Removable Storage****Optical**

None

**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**

HD 720p, with privacy shutter, fixed focus

**Sensor****Sensors**

Accelerometer (G) sensor

**Battery****Battery**

Integrated Li-Polymer 52.5Wh battery, supports Quick Charge (charge up to 80% in 1hr) and Smart Charge (get 2 hours of runtime with a 15-minute charge)

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

MobileMark® 2014: 10 hr

Local video (1080p) playback@150nits: 11 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
- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

[1] AC adapter offerings depend on the country.

## Display

### Display\*\*

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)
14"	FHD (1920x1080)	Multi-touch	TN	220nits	Glossy	16:9	45% NTSC	60Hz	45°/45°/15°/35°
14"	FHD (1920x1080)	Multi-touch	IPS <sup>[1]</sup>	250nits	Glossy	16:9	45% NTSC	60Hz	-

### Touchscreen

OGS (One Glass Solution) multi-touch, supports 10-point touch

Notes:

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

## Multi-mode

### Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

## Input Device

### Pen\*\*

- Lenovo Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- Lenovo Digital Pen without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- No pen (purchase separately)

### Keyboard

6-row, multimedia Fn keys

### Keyboard Backlight<sup>[1]</sup>

- 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)

Notes:

[1] Optional 2-level LED backlight.

## Mechanical

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

321.5 x 217.5 x 17.9 mm (12.65 x 8.56 x 0.70 inches)

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

Starting at 1.5 kg (3.31 lbs)

### Case Color\*\*

- Abyss blue
- Graphite grey
- Platinum grey

### Surface Treatment\*\*

- Aluminium stamping (anodized)
- Metallic painting

### Case Material\*\*

- Aluminium (top), PC + GF (bottom)
- PC-ABS (top), PC + GF (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][2]</sup>

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

Notes:

[1] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

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

#### Standard Ports

- 1x HDMI 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector
- 1x SD card reader
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer and Power Delivery)

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.

### Docking

#### Docking

Various docking solutions are supported via USB-C.

For more compatible docking solutions, please visit [Docking for IdeaPad® Flex 5 14ITL05](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in SoC

#### Fingerprint Reader

- Touch style fingerprint reader on palm rest
- No fingerprint reader

#### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

#### Other Security

Camera privacy shutter

## SERVICE

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

#### 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

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## 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)

#### 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® 8.0
- 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.

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