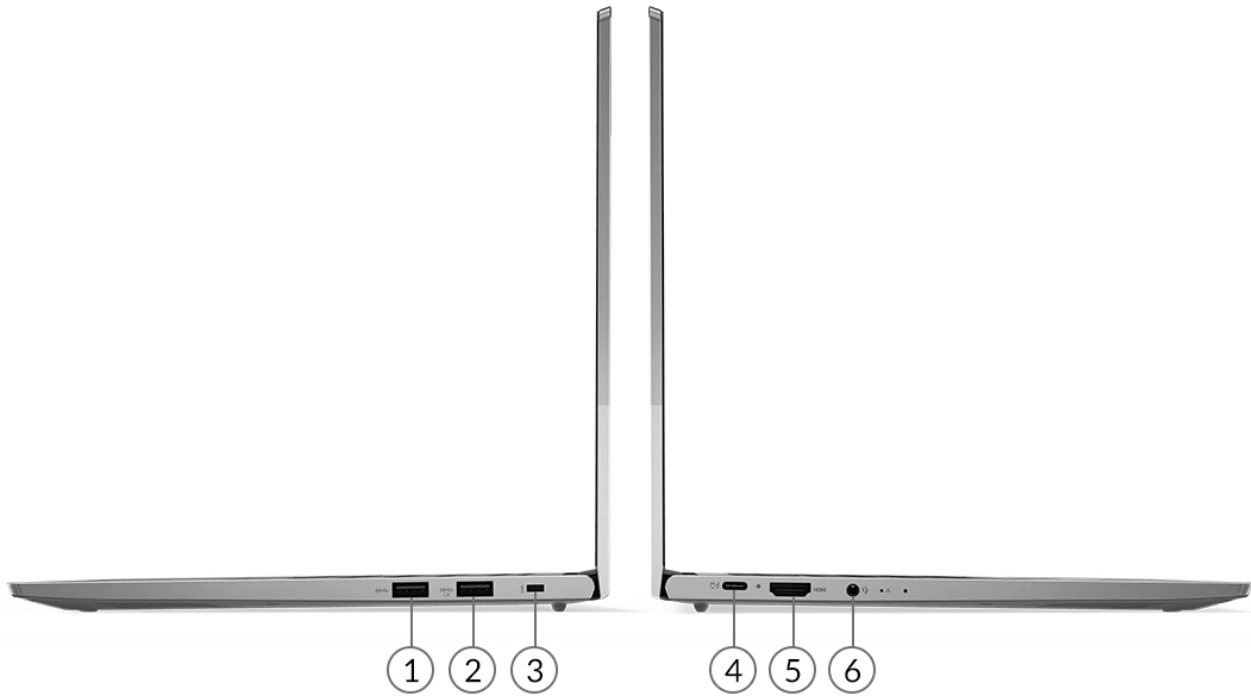


## OVERVIEW



1. USB 3.2 Gen 1	4. Thunderbolt 4
2. USB 3.2 Gen 1 (Always On)	5. HDMI 2.0b
3. Kensington Nano Security Slot	6. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

11th Generation Intel® Core™ i5 / i7 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	LPDDR4x-4266	Intel Iris® Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	LPDDR4x-4266	Intel Iris Xe Graphics

### Operating System

#### Operating System\*\*

- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 11 Pro 64
- Windows 11 Home 64
- No operating system

### Graphics

#### Graphics

Graphics	Type	Memory	Key Features
Intel Iris Xe Graphics	Integrated	Shared	DirectX® 12

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via HDMI® (up to 3840x2160@60Hz) or Thunderbolt™ (up to 7680x4320@30Hz)

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

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

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

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel (8GB or 16GB model)

#### Memory Type

LPDDR4x-4266

#### Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

### Storage

#### Storage Support

One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

#### Storage Type\*\*\*

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

M.2 2280 SSD	PCIe NVMe, PCIe 4.0 x4	-	-
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## Removable Storage

### Optical

None

### Card Reader

No card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers\*\*

- Stereo speakers, 2W x2, Dolby® Audio™, Harman Speakers
- Stereo speakers, 2W x2, Dolby Audio, Harman Speakers, Smart AMP

### Microphone

Dual array microphone with AI-based noise cancellation, switchable audio modes

### Camera

720p, with ThinkShutter, fixed focus

## Battery

### Battery

Integrated Li-Polymer 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

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

MobileMark® 2014: 16 hr

MobileMark 2018: 12.1 hr

### Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, 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 and depends 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 USB-C slim (2-pin, wall-mount) AC adapter
- 65W USB-C (3-pin) AC adapter

### Notes:

1. 65W USB-C slim (Wall Mount) AC adapter is only available in selected countries

## DESIGN

## Display

### Display\*\*<sup>[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
13.3"	WUXGA (1920x1200)	None	IPS	300 nits	Anti-glare	16:10	1000:1	100% sRGB	170°	Dolby Vision™
13.3"	WQXGA (2560x1600)	None	IPS	300 nits	Anti-glare	16:10	1000:1	100% sRGB	170°	Dolby Vision
13.3"	WQXGA (2560x1600)	None	IPS	300 nits	Anti-glare	16:10	1500:1	100% sRGB	170°	Low power, Dolby Vision
13.3"	WQXGA	Multi-	IPS	300 nits	Glossy	16:10	1500:1	100%	170°	Low power,

(2560x1600)	touch						sRGB		Dolby Vision
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**Touchscreen**

- Capacitive-type multi-touch, supports 10-point touch
- Non-touch

**Notes:**

## 1. California Electronic Waste Recycling Fee

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.

For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

**Input Device****Keyboard**

6-row, spill-resistant, multimedia Fn keys

**Keyboard Backlight**

LED backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

**Mechanical****Dimensions (WxDxH)**

Models	Dimensions
All models	299 x 210 x 14.9 mm (11.77 x 8.27 x 0.59 inches)

**Weight<sup>[1]</sup>**

Models	Weight
All models	1.26 kg (2.78 lbs)

**Case Color**

Mineral grey, dual-tone design

**Surface Treatment**

Anodizing sandblasting

**Case Material**

Aluminium (top), aluminium (bottom)

**Notes:**

1. The system weight varies depending on configurations

**CONNECTIVITY****Network****Onboard Ethernet**

No Ethernet

**WLAN + Bluetooth<sup>[1]</sup>**

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1

**Notes:**

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

BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)

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

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI 2.0b

- 1x Headphone / microphone combo jack (3.5mm)

#### 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;

USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

Thunderbolt 3: 40 Gbit/s;

FireWire 400: 400 Mbit/s;

FireWire 800: 800 Mbit/s

## SECURITY & PRIVACY

### Security

#### Security Chip\*\*

- Discrete TPM 2.0, TCG certified
- Firmware TPM 2.0 integrated in chipset

#### Physical Locks

Kensington® Nano Security Slot

#### Fingerprint Reader

Touch style fingerprint reader on smart power button

#### BIOS Security

- Supervisor password
- Power-on password
- Hard disk password

#### Other Security

ThinkShutter camera cover

## SERVICE

### Warranty

#### Base Warranty\*\*

- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot 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)

#### 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

#### Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

### Other Certifications

#### Mil-Spec Test

MIL-STD-810G military test passed

#### Other Certifications

- (Optional) Intel Evo™ Platform
- TÜV Rheinland® Low Blue Light

- 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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