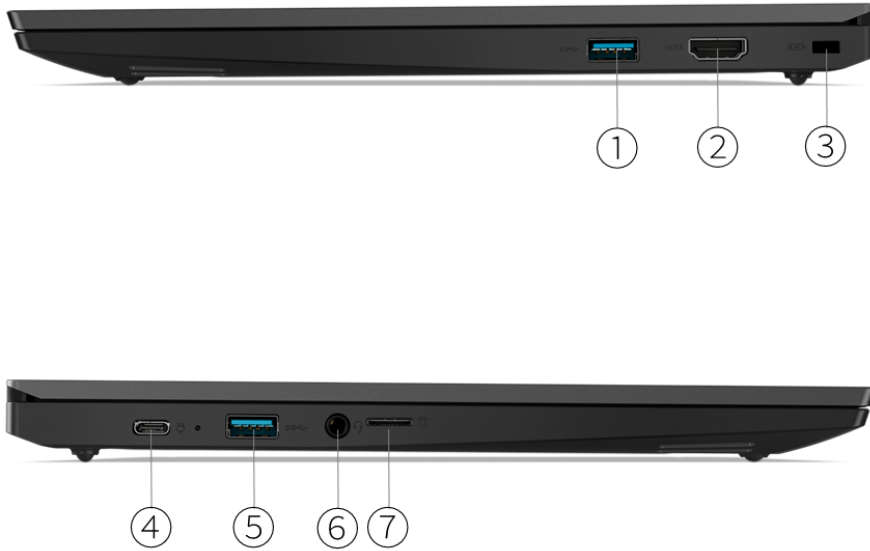


## OVERVIEW



1. USB 3.1 Gen 1	5. USB 3.1 Gen 1
2. HDMI 1.4	6. Headphone / microphone combo jack (3.5mm)
3. Kensington Security Slot	7. MicroSD card reader
4. USB-C 3.1 Gen 1	

## PERFORMANCE

### Processor

#### Processor Family

AMD A6 series APU

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD A6-9220C	2	2	1.8GHz	2.7GHz	1MB L2	DDR4-1866	AMD Radeon™ R5 Graphics

### Operating System

#### Operating System<sup>[1]</sup>

- Windows® 10 Home 64
- Windows 10 Pro 64
- Windows 10 Pro (National Academic License)
- Windows 10 Pro in S mode
- Windows 10 IoT 64
- LeTOS V2

#### Notes:

1. Windows 10 Pro (National Academic License) is for K-12 Education Customers only. Any request please contact Lenovo® Sales Representative for more information.

### Graphics

#### Graphics

Graphics	Type	Memory	Key Features
AMD Radeon R5 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® or USB-C

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

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

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

#### Memory Slots

Memory soldered to systemboard, no slots

#### Memory Type

DDR4-1666

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

- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard
- One drive, up to 256GB M.2 2242 SSD

#### Storage Type

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	-
Flash Memory	eMMC 5.1	-	-

**Notes:**

1. System has one M.2 2242 SSD or one eMMC on systemboard exclusively

**Removable Storage****Optical**

None

**Card Reader**

MicroSD card reader

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

High Definition (HD) Audio, Maxim MAX98357A Dialog DA7219 codec

**Speakers**

Stereo speakers, 2W x2

**Microphone**

Dual array microphone

**Camera**

720p, fixed focus

**Battery****Battery**

Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

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

MobileMark® 2014: 12 hr

**Notes:**

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 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**

45W USB-C AC adapter

**DESIGN****Display****Display<sup>[1]</sup>**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
14.0"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	-	-	-	-
14.0"	FHD (1920x1080)	Multi-touch	IPS	250 nits	Anti-glare	16:9	-	-	-	-

**Touchscreen**

- On-cell 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, Anti-pry Key Caps

### Keyboard Backlight

- LED backlight
- Not support

### Touchpad

One-piece multi-touch touchpad

## Mechanical

### Dimensions (WxDxH)

328 x 225 x 17.7 mm (12.91 x 8.86 x 0.7 inches)

### Weight

1.54 kg (3.39 lbs)

### Case Color

Black

### Surface Treatment

Anodizing sandblasting

### Case Material

Aluminium (top), PC + ABS (bottom)

## CONNECTIVITY

### Network

#### Onboard Ethernet

No Ethernet

#### WLAN + Bluetooth™

Qualcomm® QCA6174A, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

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

#### Standard Ports<sup>[2]</sup>

- 2x USB 3.1 Gen 1
- 1x USB-C 3.1 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 1x HDMI 1.4
- 1x microSD card reader
- 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
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

## SECURITY & PRIVACY

### Security

**Security Chip**

Firmware TPM 2.0 integrated in chipset

**Physical Locks**

Kensington® Security Slot

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Power-on password
- Supervisor password

## SERVICE

### Warranty

**Base Warranty**

- 1-year mail-in service
- 1-year depot service
- 2-year (1-yr battery) depot service

## ENVIRONMENTAL

### Operating Environment

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

- Storage without package: 5°C (41°F) to 43°C (109°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Operating: 5°C (41°F) to 35°C (95°F)

**Humidity**

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 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**

- TCO
- RoHS compliant

### Other Certifications

**Mil-Spec Test**

MIL-STD-810G military test passed

