

OVERVIEW



| | |
|-----------------------------|--|
| 1. Power button | 5. USB-C 3.2 Gen 1 |
| 2. Volume button | 6. USB 3.2 Gen 1 |
| 3. USB-C 3.2 Gen 1 | 7. Headphone / microphone combo jack (3.5mm) |
| 4. Kensington Security Slot | 8. Card reader |

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or 10th Generation Intel Core™ i3 / i5 Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|----------------|-------|---------|----------------|---------------|-------|----------------|--------------------|
| Celeron 5205U | 2 | 2 | 1.9GHz | - | 2MB | DDR4-2400 | Intel UHD Graphics |
| Core i3-10110U | 2 | 4 | 2.1GHz | 4.1GHz | 4MB | DDR4-2666 | Intel UHD Graphics |
| Core i5-10210U | 4 | 8 | 1.6GHz | 4.2GHz | 6MB | DDR4-2666 | Intel UHD Graphics |

Operating System

Operating System

Google Chrome OS

Graphics

Graphics

| Graphics | Type | Memory | Key Features |
|--------------------|------------|--------|--------------|
| Intel UHD 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 USB-C (up to 4096x2160@60Hz)

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory^[1]

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

Memory Slots

Memory soldered to systemboard, no slots

Memory Type^[2]

- DDR4-2400
- DDR4-2666

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.
2. Installed memory is actually 2666MHz but may run at 2400MHz due to processor limitation

Storage

Storage Support^[1]

- 64GB eMMC 5.1 on systemboard
- 32GB eMMC 5.1 on systemboard
- One drive, up to 128GB M.2 2242 SSD

Storage Type

| Disk Type | Interface | RPM | Offering |
|--------------|------------------------|-----|---------------|
| Flash Memory | eMMC 5.1 | - | - |
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x4 | - | 128GB / 256GB |

Notes:

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

Removable Storage

Optical

None

Card Reader

MicroSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2

Microphone

Dual array microphone

Camera

720p, fixed focus

Sensor

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor

Battery

Battery

Integrated Li-Polymer 51Wh battery

Max Battery Life^[1]

Google power load test: 10 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

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|-----------------|-------------|------|------------|---------|--------------|----------------|-------------|---------------|--------------|
| 13.3" | FHD (1920x1080) | Multi-touch | IPS | 250 nits | Glossy | 16:9 | - | 45% NTSC | - | - |
| 13.3" | FHD (1920x1080) | Multi-touch | IPS | 300 nits | Glossy | 16:9 | - | 72% NTSC | - | - |

Touchscreen

OGS (One Glass Solution) Direct Bonding, capacitive-type multi-touch, supports 10-point touch

Multi-mode

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

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

Pen

- Lenovo USI Pen
- No pen (pen needs to be purchased separately)

Keyboard

Chrome keyboard, 6-row

Keyboard Backlight

- LED backlight
- No support

Touchpad

Buttonless Mylar® surface multi-touch touchpad

Mechanical

Dimensions (WxDxH)

310 x 212 x 17.95 mm (12.20 x 8.34 x 0.70 inches)

Weight^[1]

1.35 kg (2.98 lbs)

Case Color

Graphite grey

Surface Treatment

Aluminium anodizing stamping

Case Material

Aluminium (top), PC + ABS (bottom)

Notes:

1. The system weight varies depending on configurations

CONNECTIVITY

Network

Onboard Ethernet

No Ethernet

WLAN + Bluetooth®

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

Ports^[1]

Standard Ports^[2]

- 1x USB 3.2 Gen 1
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 2.0 and DisplayPort™ 1.2)
- 1x 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

Google Security Chip H1

Physical Locks

Kensington® Security Slot

Fingerprint Reader

No fingerprint reader

BIOS Security

No support

SERVICE

Warranty

Base Warranty

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

ENVIRONMENTAL

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)

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

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Other Certifications

- Athena certified



- None

