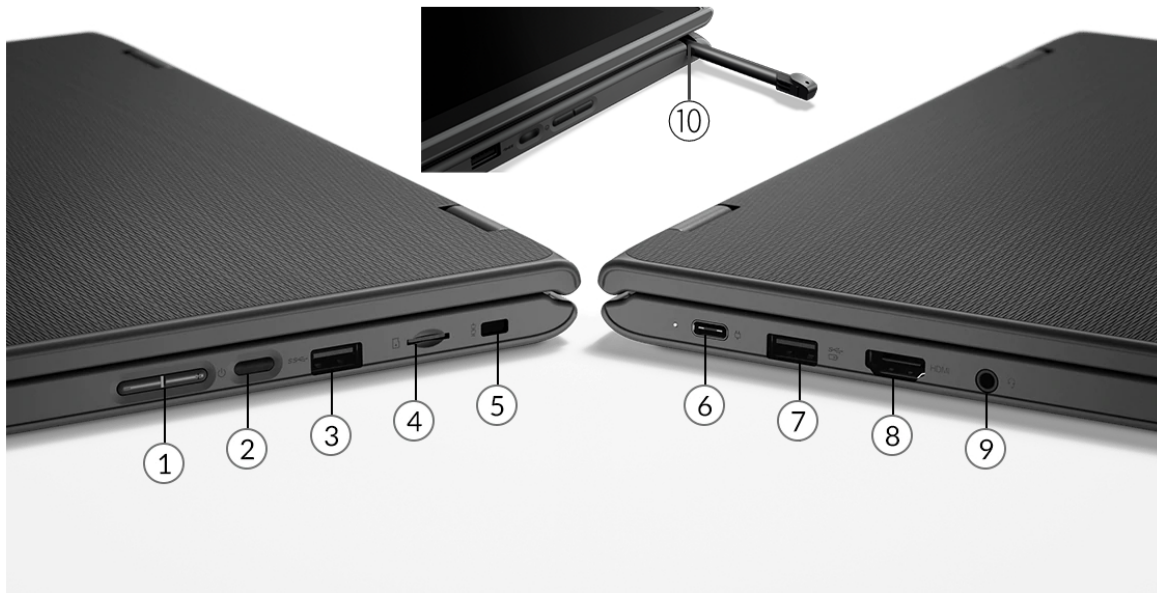


OVERVIEW



| | |
|-----------------------------|--|
| 1. Volume button | 6. USB-C 3.2 Gen 1 |
| 2. Power button | 7. USB 3.2 Gen 1 (Always On) |
| 3. USB 3.2 Gen 1 | 8. HDMI 1.4b |
| 4. MicroSD card reader | 9. Headphone / microphone combo jack (3.5mm) |
| 5. Kensington Security Slot | 10. Pen slot |

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|----------------------|-------|---------|----------------|---------------|-------|----------------|------------------------|
| Celeron N4100 | 4 | 4 | 1.1GHz | 2.4GHz | 4MB | LPDDR4-2400 | Intel UHD Graphics 600 |
| Celeron N4120 | 4 | 4 | 1.1GHz | 2.6GHz | 4MB | LPDDR4-2400 | Intel UHD Graphics 600 |
| Pentium Silver N5000 | 4 | 4 | 1.1GHz | 2.7GHz | 4MB | LPDDR4-2400 | Intel UHD Graphics 605 |
| Pentium Silver N5030 | 4 | 4 | 1.1GHz | 3.1GHz | 4MB | LPDDR4-2400 | Intel UHD Graphics 605 |

Operating System

Operating System^[1]

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
- Windows 10 Pro (National Academic License)
- Windows 10 Pro in S mode
- No operating system

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 |
|------------------------|------------|--------|--------------|
| Intel UHD Graphics 600 | Integrated | Shared | DirectX® 12 |
| Intel UHD Graphics 605 | Integrated | Shared | DirectX 12 |

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 4K@30Hz) or USB-C (up to 4K@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

LPDDR4-2400

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^[1]

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

Storage Type

| Disk Type | Interface | Offering |
|--------------|------------------------|---------------|
| Flash Memory | eMMC 5.1 | 64GB / 128GB |
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x2 | 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, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2

Microphone

Single microphone

Camera

- Front 720p, fixed focus
- Front 720p, fixed focus; rear 5.0-megapixel, auto focus

Battery

Battery

Integrated Li-Polymer 42Wh battery

Max Battery Life^[1]

MobileMark® 2014: 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 (2-pin) AC adapter
- 45W USB-C (3-pin) AC adapter

DESIGN

Display

Display^[1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|---------------|-------------|------|------------|------------------------------|--------------|----------------|-------------|---------------|--------------|
| 11.6" | HD (1366x768) | Multi-touch | IPS | 250 nits | Anti-glare, anti-fingerprint | 16:9 | - | - | - | - |

Touchscreen

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

Multi-mode

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

Notes:

- 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

- Garaged AES pen, on-board rechargeable
- No support

Keyboard

6-row, spill-resistant, Anti-pry Key Caps

Keyboard Backlight

No support

Touchpad

One-piece multi-touch touchpad

Mechanical

Dimensions (WxDxH)

290 x 204 x 20.85 mm (11.42 x 8.03 x 0.82 inches)

Weight^[1]

1.31 kg (2.89 lbs)

Case Color

Black

Surface Treatment

Texture

Case Material

PC + ABS (top), PC + ABS (bottom)

Notes:

- The system weight varies depending on configurations

CONNECTIVITY

Network

Onboard Ethernet

No Ethernet

WLAN + Bluetooth^[1]

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

Notes:

- WiFi 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^[1]

Standard Ports^[2]

- 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

Discrete TPM 2.0, TCG certified

Physical Locks

Kensington® Security Slot

Fingerprint Reader

No fingerprint reader

BIOS Security

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

SERVICE

Warranty

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 1-year depot with 2-year system board 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

- EPEAT™ Silver
- TCO
- RoHS compliant

Other Certifications

Mil-Spec Test

MIL-STD-810G military test passed

