

OVERVIEW



| | |
|------------------------------|--|
| 1. Nano-SIM card slot | 4. 2x USB-C 3.2 Gen 1 |
| 2. Power button | 5. Headphone / microphone combo jack (3.5mm) |
| 3. USB 3.2 Gen 1 (Always On) | |

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon™ Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|------------------------|-------------|---------|----------------|------------------|-------|----------------|--------------------------|
| Qualcomm Snapdragon 8c | 8x Kryo 490 | 8 | - | Kryo 490@2.45GHz | - | LPDDR4x | Qualcomm Adreno™ 675 GPU |

Operating System

Operating System**

- Windows® 11 Pro (on ARM)
- Windows 11 Home (on ARM)
- Windows 10 Pro 64 (on ARM)
- Windows 10 Home 64 (on ARM)
- Windows 10 Home 64 Single Language (on ARM)

Graphics

Graphics

| Graphics | Type | Memory | Key Features |
|-------------------------|------------|--------|--------------|
| Qualcomm Adreno 675 GPU | Integrated | Shared | DirectX® 12 |

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®)

- USB-C supports up to 3840x2400@60Hz

Chipset

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Max Memory^[1]

8GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

LPDDR4x-1866

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 512GB M.2 2280 SSD

Storage Type

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

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Qualcomm WCD9341 codec

Speakers

Stereo speakers, 2W x2, optimized with Dolby® Audio™

Microphone

Dual-microphone array

Camera

HD 720p + IR, fixed focus

Sensor

Sensors

Proximity (P) sensor

Battery

Battery^[1]

Integrated Li-Polymer 51Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

Max Battery Life^[2]

Local video (1080p) playback@150nits: 20 hr

Notes:

1. Rapid Charge Express is only affected as hibernates or fully shut down the computer.
2. 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^[1]

45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

1. AC adapter offerings depend on the country.

DESIGN

Display

Display^[1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|------|-----------------|-------|------|------------|------------|--------------|----------------|-------------|---------------|--------------|
| 14" | FHD (1920x1080) | None | IPS | 300 nits | Anti-glare | 16:9 | - | 100% sRGB | - | - |

Touchscreen

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, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Mechanical^[1]

Dimensions (WxDxH)

321.7 x 207 x 14.9 mm (12.67 x 8.15 x 0.59 inches)

Weight

Around 1.2 kg (2.65 lbs)

Case Color

Light silver

Surface Treatment

Painting

Case Material

Aluminium (top), PC-ABS (bottom)

Notes:

1. The system dimensions and weight vary depending on configurations.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet

WLAN + Bluetooth^[1]

802.11ac 2x2 Wi-Fi® + Bluetooth 5.0

WWAN

Qualcomm QGM8180X, 4G LTE CAT20, MIMO 4x4

SIM Card

- Nano-SIM Card, EE Limited LTE (UK)
- No SIM card in box

Notes:

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

Ports^[1]

Standard Ports

- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x Nano-SIM card slot
- 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™ 3/4: 40 Gbit/s

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Power-on password

Other Security

IR camera for Windows Hello

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in 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

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

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