## OVERVIEW




| | |
|---|---|
| 1. USB 3.2 Gen 1 (Always On) | 4. USB 3.2 Gen 1 |
| 2. Kensington Nano Security Slot | 5. HDMI 1.4 |
| 3. USB-C 3.2 Gen 2 | 6. Headphone / microphone combo jack (3.5mm) |

# PERFORMANCE

## Processor

**Processor Family**

Intel® N-series Processor

**Processor****

| Processor Name | Cores | Threads | Max Frequency | Cache | Processor Graphics |
|---|---|---|---|---|---|
| N100 | 4 | 4 | 3.4GHz | 6MB Intel® Smart Cache | Intel® UHD Graphics |
| N200 | 4 | 4 | 3.7GHz | 6MB Intel® Smart Cache | Intel® UHD Graphics |

## Operating System

**Operating System****

- Windows® 11 Pro
- Windows® 11 Pro (National Academic License)[1]
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Windows® 11 DG Windows® 10 Pro 64 (National Academic License)[2]
- Windows® 11 SE
- No preload operating system

Notes:

[1], [2] Windows® (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 | Integrated | Shared | DirectX® 12.1 |

## Monitor Support

**Monitor Support**

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 4K@30Hz
• USB-C® supports up to 4K@60Hz

## Chipset

**Chipset**

Intel® SoC (System on Chip) platform

## Memory

**Max Memory**

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

**Memory Slots**

Memory soldered to systemboard, no slots

**Memory Type**[1]

LPDDR5-4800

Notes:

[1] Installed memory is actually LPDDR5-6400 but runs as LPDDR5-4800 due to platform limitation.

## Storage

**Max Storage Support****[1]

- 128GB UFS 3.1 on systemboard
- One drive, up to 128GB M.2 2242 SSD

**Storage Slot**[2]

- UFS on systemboard, no slots (UFS models)
- One M.2 2242 PCIe® 3.0 x4 slot (M.2 SSD models)

**Storage Type****[3]

| Disk Type | Interface | Offering |
|---|---|---|
| Flash Memory | UFS 3.1 | 128GB |
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 3.0 x4 | 128GB |

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.
PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);
PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);
PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).
[3] UFS 3.1 storage is downgraded to closer to UFS 2.1 due to platform limitations.

## Removable Storage

**Card Reader**

No card reader

## Multi-Media

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**

Stereo speakers, 2W x2, Dolby Audio™

**Microphone**

Single microphone

**Camera**

HD 720p, with privacy shutter, fixed focus

## Sensor

**Sensors**

Hall sensor

## Battery

**Battery**

47Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

**Max Battery Life**[1]

MobileMark® 2018: 11.3 hr
Local video (1080p) playback@150nits: 12.3 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, JEITA 2.0, JEITA 3.0, 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 depending 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® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

- 65W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W 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**

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) |
|---|---|---|---|---|---|---|---|---|---|
| 11.6" | HD (1366x768) | Non-touch | TN | 250nits | Anti-glare | 16:9 | 400:1 | 45% NTSC | 45° / 45° / 15° / 35° |

**Touchscreen**

Non-touch

## Input Device

**Pen**

No support

**Keyboard**

Top-load keyboard, 6-row, spill-resistant, Anti-pick proof keycaps with full skirt design

**Keyboard Backlight**

Non-backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 60.5 x 104 mm (2.38 x 4.09 inches)

## Mechanical

**Dimensions (WxDxH)**[1]

287 x 200 x 19.75 mm (11.3 x 7.9 x 0.78 inches)

**Weight**[2]

Starting at 1.16 kg (2.56 lbs)

**Case Color**

Slate grey

**Case Material**

PC-ABS (top), PC-ABS (bottom)

**Surface Treatment**

Texture

**Others**

Buttons: power key

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

# CONNECTIVITY

## Network

**WLAN + Bluetooth®**[1]

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1 (Bluetooth® 5.2 hardware ready), M.2 card

**WWAN**

No support

**Ethernet**

No onboard Ethernet

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

## Ports[1]

**Standard Ports**

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer, USB PD 45-65W and DisplayPort™)
- 1x HDMI® 1.4
- 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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.
Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

## Docking

**Docking**

Various docking solutions supported via USB-C®.
For more compatible docking solutions, please visit Docking for Lenovo® 100w Gen 4

# SECURITY & PRIVACY

## Security

**Security Chip**

Discrete TPM 2.0, TCG certified

**Physical Locks**

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Administrator password
- Hard disk password (M.2 SSD models only)
- Power-on password
- Secure wipe

**Other Security**

Camera privacy shutter

# SERVICE

## Warranty

**Base Warranty****

- 1-year mail-in service

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service

# ACCESSORIES

## Bundled Accessories

**Bundled Accessories**[1]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Lenovo® 100w Gen 4

# OPERATING REQUIREMENTS

## Operating Environment

**Temperature**[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: 5°C (41°F) to 43°C (109°F)

**Relative 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).

# ENVIRONMENTAL

## Sustainability

**Material**[1]

97% PCC recycled plastic used in the 47Wh battery
90% PCC recycled plastic used in the 45W and the 65W adapter
Recycled & recyclable packaging

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

# CERTIFICATIONS

## Green Certifications[1]

**Green Certifications**[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[3]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

[2] EPEAT™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

## Other Certifications

**Mil-Spec Test**

MIL-STD-810H military test passed (23 test items)

**Other Certifications**

ASTM F963 test passed[1]

Notes:

[1] This certification is only offered on models in specific regions.

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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