# OVERVIEW



| 1. | USB 3.2 Gen 1 (Always On) | 5. | HDMI 1.4 |
|---|---|---|---|
| 2. | Kensington Security Slot | 6. | Headphone / microphone combo jack (3.5mm) |
| 3. | USB-C 3.2 Gen 2 | 7. | Pen slot |
| 4. | USB 3.2 Gen 1 | | |

# 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 | TGP | Key Features |
|---|---|---|---|---|
| Intel® UHD Graphics | Integrated | Shared | Share CPU TDP | 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 256GB 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 | Security |
|-----------|-----------|----------|----------|
| Flash Memory | UFS 3.1 | 128GB | - |
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 3.0 x4 | 128GB | - |
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 256GB | Opal 2.0 |

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] The 256GB SSD with PCIe® 4.0x4 is downgraded to closer to PCIe® 3.0x4 due to platform limitations.
UFS 3.1 storage is downgraded to closer to UFS 2.1 dut 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
- Two microphones

**Camera**\*\*

- Front HD 720p, with privacy shutter, fixed focus
- Front HD 720p, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus

## Sensor

**Sensors**

- Accelerometer (G) sensor
- MR sensor
- Proximity (P) sensor (WWAN models)

## 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: 9.5 hr
Local video (1080p) playback@150nits: 12.1 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**[1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features |
|------|-----------|-------|------|-----------|---------|-------------|----------------|-------------|-------------|------------------------|--------------|
| 11.6″ | HD (1366x768) | Multi-touch | IPS | 250nits | Glossy, anti-fingerprint | 16:9 | 800:1 | 50% NTSC | 60Hz | 85° / 85° / 85° / 85° | Corning® Gorilla® Glass |

**Touchscreen**

OGS (One Glass Solution) multi-touch, supports 10-point touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

## Multi-mode

**Multi-mode**

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

## Input Device

**Pen**

- Lenovo® Integrated Pen, on-board garaged, rechargeable, supports AES protocol
- No pen (purchase separately)

**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 18.9 mm (11.3 x 7.9 x 0.74 inches)

**Weight**[2]

| Models | Weight |
|--------|--------|
| WLAN models | Starting at 1.25 kg (2.76 lbs) |
| WWAN models | Starting at 1.27 kg (2.8 lbs) |

**Case Color**

Slate grey

**Case Material**

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

**Surface Treatment**

Texture

**Others**

Buttons: power key, volume 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® 5.2, M.2 card
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card

**WWAN**

- Fibocom FM101-GL, 4G LTE CAT6, M.2 card, with embedded eSIM functionality
- No support

**SIM Card**

No physical SIM card inbox

**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, Power Delivery 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® 300w Yoga® 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® 300w Yoga® 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

**Other Certifications**

ASTM F963 test passed

- 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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