

## 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 or Intel® Core™ i3 N-series Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
N100	4	4	0.8GHz	3.4GHz	6MB	Intel® UHD Graphics
N200	4	4	1.0GHz	3.7GHz	6MB	Intel® UHD Graphics

### Operating System

#### Operating System

- Windows® 11 Pro
- Windows® 11 Pro (National Academic License)<sup>[1]</sup>
- 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)<sup>[2]</sup>
- Windows® 11 SE

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<sup>[1]</sup>

LPDDR5-4800

Notes:

[1] Installed memory is actually 6400MHz but run at 4800MHz due to platform limitation.

### Storage

#### Storage Support<sup>[1]</sup>

- 128GB UFS 3.1 on systemboard
- One drive, up to 256GB M.2 2242 SSD

**Storage Slot**

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

**Storage Type<sup>[2]</sup>**

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 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 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**

- Dual-microphone array
- Dual-microphone array + single microphone

**Camera**

- Front FHD 1080p, with privacy shutter, fixed focus
- Front FHD 1080p, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus
- 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

**Battery**

**Battery**

Integrated Li-Polymer 47Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

**Max Battery Life<sup>[1]</sup>**

MobileMark® 2018: 11.3 hr  
 Local video (1080p) playback@150nits: 13.4 hr

Notes:

- [1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, 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 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<sup>[1]</sup>**

- 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<sup>[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
12.2"	WUXGA (1920x1200)	Multi-touch	IPS	300nits	Glossy, anti-fingerprint	16:10	800:1	50% NTSC	60Hz	85°/85°/85°/85°	Corning® Gorilla® Glass, TÜV Low Blue Light

#### 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)<sup>[1]</sup>

287 x 208 x 18.9 mm (11.3 x 8.2 x 0.74 inches)

#### Weight<sup>[2]</sup>

Starting at 1.28 kg (2.82 lbs)

#### Case Color

Slate grey

#### Surface Treatment

Texture

#### Case Material

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

#### 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

#### Ethernet

No onboard Ethernet

#### WLAN + Bluetooth<sup>[1][2]</sup>

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

Notes:

[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Intel® Wi-Fi® 6 full features might be limited by country-level restrictions.

### Ports<sup>[1]</sup>

#### 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.

### Docking

#### Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® 500w Yoga® Gen 4](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Physical Locks

Kensington® NanoSaver® lock Slot

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

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

### 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

## ENVIRONMENTAL

### Sustainability

#### Material

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

### Operating Environment

#### Temperature<sup>[1]</sup>

- 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).

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories<sup>[1]</sup>

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® 500w Yoga® Gen 4](#).

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications<sup>[2]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6
- ErP Lot 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.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit [epeat.net](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

[3] EPEAT™ is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

## Other Certifications

### Mil-Spec Test

MIL-STD-810H military test passed

### Other Certifications

- ASTM F963 test passed
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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