

OVERVIEW



1. Power button	5. USB-C 3.2 Gen 1
2. USB 3.2 Gen 1	6. USB 3.2 Gen 1 (Always On)
3. microSD card reader	7. HDMI 1.4b
4. Kensington Nano Security Slot	8. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

AMD 3000 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD 3015e	2	4	1.2GHz	2.3GHz	1MB L2 / 4MB L3	AMD Radeon™ 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® 10 Pro (National Academic License)<sup>[3]</sup>
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 11 SE
- No preload operating system

Notes:

[1], [2], [3] 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
AMD Radeon™ Graphics	Integrated	Shared	DirectX® 12

### 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

AMD SoC (System on Chip) platform

### Memory

#### Max Memory

4GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots

#### Memory Type<sup>[1]</sup>

DDR4-1600

Notes:

[1] Installed memory is actually DDR4-3200 but runs as DDR4-1600 due to processor limitation.

### Storage

#### Max Storage Support\*\*<sup>[1]</sup>

- 64GB eMMC 5.01 on systemboard
- 128GB eMMC 5.01 on systemboard

**Storage Slot**

eMMC on systemboard, no slots

**Storage Type**

Disk Type	Interface	Offering
Flash Memory	eMMC 5.01	64GB / 128GB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

**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**

HD 720p, with privacy shutter, fixed focus

**Battery**

**Battery**

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

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

MobileMark® 2018: 12.5 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**<sup>\*\*[1][2]</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
- No power adapter

Notes:

[1] AC adapter offerings depend on the country.

[2] No power adapter is for special bid only.

**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	500:1	45% NTSC	45° / 45° / - / -

**Touchscreen**

Non-touch

Input Device

Pen

No support

**Keyboard**

6-row, spill-resistant, Anti-pry keycaps

**Keyboard Backlight**

Non-backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

Mechanical

**Dimensions (WxDxH)<sup>[1]</sup>**

289.6 x 202 x 19.9 mm (11.4 x 7.95 x 0.78 inches)

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

Around 1.25 kg (2.76 lbs)

**Case Color**

Abyss blue

**Case Material**

PC-ABS covered with rubber bumper (top), PC-ABS (bottom)

**Surface Treatment**

Texture

**Others<sup>[3]</sup>**

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.

[3] Power key is on the right side.

CONNECTIVITY

Network

- WLAN + Bluetooth®\*\*<sup>[1]</sup>**
- Realtek® RTL8822CE, Wi-Fi® 5, 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1 (Bluetooth® 5.2 hardware ready), M.2 card
  - Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
  - MediaTek Wi-Fi® 6 MT7921, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1 (Bluetooth® 5.3 hardware ready), M.2 card
  - Realtek® Wi-Fi® 6 RTL8852AE, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
  - Intel® Wi-Fi® 6 AX200, 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<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 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

## 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 Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® 100w Gen 3 \(AMD\)](#)

## 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
- Power-on password
- User password

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

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® 100w Gen 3 \(AMD\)](#)

## OPERATING REQUIREMENTS

### 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).

## CERTIFICATIONS

### Green Certifications

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

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered<sup>[3]</sup>
- ErP Lot 3
- RoHS compliant
- TCO Certified

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](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

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

### Other Certifications

**Mil-Spec Test**

MIL-STD-810H military 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. **LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without



notice.



AMD



AMD



AMD



AMD



AMD



AMD