

**OVERVIEW**



1. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4	5. USB-A (USB 5Gbps)
2. USB-A (USB 5Gbps)	6. HDMI
3. Headphone / microphone combo jack (3.5mm)	7. Kensington Nano Security Slot
4. microSD card reader	

## PERFORMANCE

### Processor

#### Processor Family

Intel® 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

ChromeOS

### 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 3840x2160@30Hz
- USB-C® supports up to 3840x2160@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, single-channel

#### Memory Type

LPDDR5-4800

### Storage

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

- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

#### Storage Slot

eMMC on systemboard, no slots

#### Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	64GB / 128GB

Notes:

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

### Removable Storage

#### Card Reader

# IP Flex 3 Chrome 12IAN8

microSD card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Realtek® ALC5682I-VD codec

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

Stereo speakers, 2W x2, optimized with Waves MaxxAudio®, MAX98357A Amplifier (AMP)

### Microphone

Dual-microphone array, support WoV (Wake-on-Voice), and Google Assistant

### Camera\*\*

- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Notes:

[1] Google Approved Vendor List (AVL) Certification.

## Sensor

### Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor

## Battery

### Battery

Integrated Li-Polymer 47Wh battery

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

Google power load test: 12 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® (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	16:10	800:1	50% NTSC	60Hz	85°/85°/85°/85°	TÜV Low Blue Light (Hardware)

### Touchscreen

GF2 or OGM (One Glass Metal mesh) 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

### Keyboard

Chrome keyboard, 6-row

### Keyboard Backlight

- LED backlight
- Non-backlight

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, 61.5 x 105 mm (2.42 x 4.13 inches)

## Mechanical

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

284 x 210 x 18.4 mm (11.18 x 8.27 x 0.72 inches)

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

Starting at 1.25 kg (2.76 lbs)

### Case Color<sup>\*\*</sup>

- Abyss blue, dual-tone design
- Cloud grey, dual-tone design

### Surface Treatment

Texture painting with dual tone

### Case Material

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

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]</sup>

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3<sup>[2]</sup>
- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3<sup>[3]</sup>

Notes:

[1] Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

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

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

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

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

### Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4

- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

---

**Notes:**

[1] The transfer speed of the 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.

## SECURITY & PRIVACY

### Security

#### Security Chip

Google Security Chip H1

#### Physical Locks

Kensington® Nano Security Slot™

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

No support

#### Other Security

Camera privacy shutter

## 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

## ACCESSORIES

### Bundled Accessories

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

None

---

**Notes:**

[1] For more compatible accessory solutions, please visit [Accessories for IP Flex 3 Chrome 12IAN8](#).

## OPERATING REQUIREMENTS

### Operating Environment

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

- 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)

#### Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 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<sup>[1]</sup>

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

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered<sup>[3]</sup>
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

---

**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 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 visit [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

#### Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

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

