# **OVERVIEW**



1. USB-C 3.2 Gen 1	5. USB 3.2 Gen 1
2. USB 3.2 Gen 1	6. USB-C 3.2 Gen 1
3. microSD card reader	7. Kensington Security Slot
4. Headphone / microphone combo jack (3.5mm)	

## PERFORMANCE

## **Processor**

#### **Processor Family**

Intel<sup>®</sup> Celeron<sup>®</sup> Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	LPDDR4-2400	Intel UHD Graphics 600

## **Operating System**

#### Operating System<sup>[1]</sup>

ChromeOS

Notes:

1. Some features may not be supported on the system with Linux preload, including but not limited to Intel RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

## Graphics

#### Graphics

Graphics	Туре	Memory	Key Features
Intel UHD Graphics 600	Integrated	Shared	DirectX® 12

## **Monitor Support**

#### **Monitor Support**

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®) • USB-C supports up to 4096x2160@60Hz

## Chipset

#### Chipset

Intel SoC (System on Chip) platform

## Memory

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

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

#### **Memory Slots**

Memory soldered to systemboard, no slots

### Memory Type

LPDDR4-2400

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

## Storage

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

- 32GB eMMC 5.1 on systemboard
- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

## Storage Type

Disk Type	Interface	Offering		
Flash Memory	eMMC 5.1	32GB / 64GB / 128GB		

#### Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger

storage as the technology develops.

#### **Removable Storage**

Card Reader

microSD card reader

## Multi-Media

Audio Chip High Definition (HD) Audio

## Speakers

Stereo speakers, 2W x2

Microphone

Single microphone

Camera

HD 720p, fixed focus

## **Battery**

#### Battery

Integrated Li-Polymer 42Wh battery

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

Google power load test: 10 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, 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 and depends 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**

45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

## DESIGN

## Display

#### Display\*\*[1]

Size	Resolution	Touch	Туре	Brightness	Surface	Aspect Ratio	Color Gamut
14″	HD (1366x768)	None	ΤN	220 nits	Anti-glare	16:9	45% NTSC
14″	FHD (1920x1080)	None	ΤN	220 nits	Anti-glare	16:9	45% NTSC
14″	FHD (1920x1080)	Multi-touch	IPS	250 nits	Anti-glare	16:9	45% NTSC

#### Touchscreen

- On-cell touch, supports 10-point touch
- Non-touch

Notes:

1. California Electronic Waste Recycling Fee

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

## **Input Device**

#### Keyboard

Chrome keyboard, 6-row, spill-resistant

### Keyboard Backlight

Non-backlight

## IdeaPad 3 CB 14IGL05

#### Touchpad

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

## Mechanical

#### Dimensions (WxDxH)

328.9 x 234.35 x 18.8 mm (12.95 x 9.23 x 0.74 inches)

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

Starting at 1.4 kg (3.09 lbs)

#### Case Color\*\*

- Abyss blue
- Platinum grey

#### Surface Treatment

Metallic painting

#### 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®

Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi® + Bluetooth 5.1, M.2 card

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

#### **Standard Ports**

- 2x USB 3.2 Gen 1
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)

#### Notes:

 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;

USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s

## **SECURITY & PRIVACY**

## **Security**

Security Chip

Google Security Chip H1

#### Physical Locks

Kensington<sup>®</sup> Security Slot<sup>™</sup>, 3 x 7 mm

#### Fingerprint Reader

No fingerprint reader

## **BIOS Security**

No support

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## SERVICE

## Warranty

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year mail-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
- 3-year (1-yr battery) courier or carry-in service

## **ENVIRONMENTAL**

## **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)

#### 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**

- Lenovo 100 Stereo Analog Headset
- None

# CERTIFICATIONS

## **Green Certifications**<sup>III</sup>

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

#### Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

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