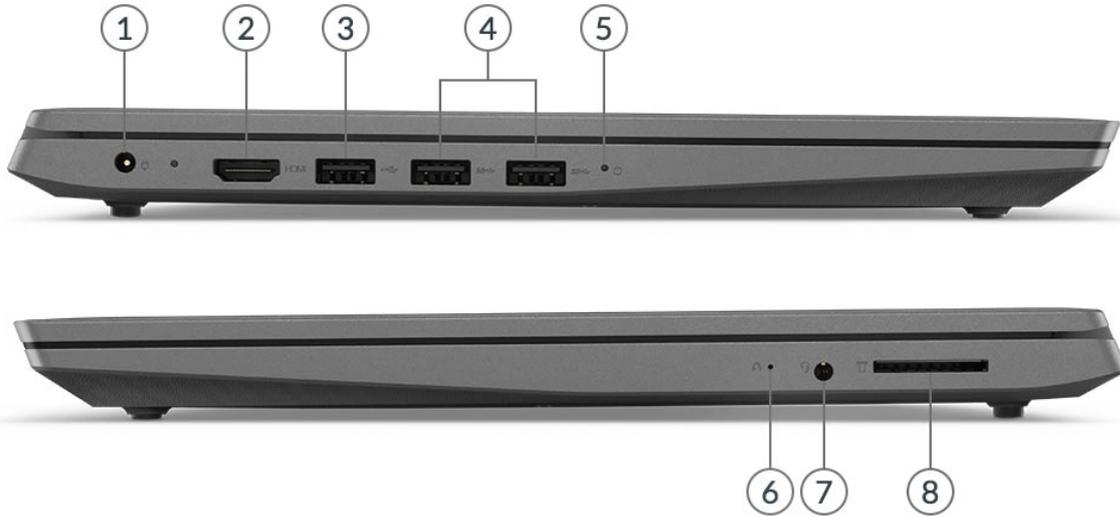


## OVERVIEW



1. Power connector	5. Power indicator
2. HDMI 1.4b	6. NOVO button hole
3. USB 2.0	7. Headphone / microphone combo jack (3.5mm)
4. 2x USB 3.1 Gen 1	8. Card reader

## PERFORMANCE

### Processor

#### Processor Family

Intel® Celeron® or Intel Pentium® Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron N4120	4	4	1.1GHz	2.6GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pentium Silver N5030	4	4	1.1GHz	3.1GHz	4MB	DDR4-2400	Intel UHD Graphics 605

### Operating System

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

- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- FreeDOS

#### Notes:

- 1.1: 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	Type	Memory	TGP	Key Features
Intel UHD Graphics 600	Integrated	Shared	Share CPU TDP	DirectX® 12
Intel UHD Graphics 605	Integrated	Shared	Share CPU TDP	DirectX 12

### Monitor Support

#### Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via HDMI®)

- HDMI supports up to 4096x2304@24Hz

### 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

DDR4-2400

#### Notes:

- 1.1: 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>

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 512GB

## Storage Type<sup>\*\*\*</sup>

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
M.2 2242 SSD	PCIe <sup>®</sup> NVMe <sup>®</sup> , PCIe 3.0 x2	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

Notes:

- 1.1: 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

### Optical

None

### Card Reader

4-in-1 card reader (SD, SDHC, SDXC, MMC)

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 1.5W x2, Dolby<sup>®</sup> Audio<sup>™</sup>

### Microphone

Single microphone

### Camera

0.3-megapixel, fixed focus

## Battery

### Battery<sup>\*\*</sup>

- Integrated Li-Polymer 30Wh battery
- Integrated Li-Polymer 35Wh battery

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

- MobileMark<sup>®</sup> 2014: 5.5 hr (30Wh)
- MobileMark 2014: 6 hr (35Wh)

Notes:

- 1.1: 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<sup>[1]</sup>

45W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz

Notes:

- 1.1: AC adapter offerings depend on the country.

## DESIGN

## Display

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio
14"	HD (1366x768)	None	TN	220 nits	Anti-glare	16:9
14"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9

### Touchscreen

Non-touch

#### Notes:

1. 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

6-row, spill-resistant, multimedia Fn keys

### Keyboard Backlight

Non-backlight

### Touchpad

Buttonless Mylar® surface multi-touch touchpad

## Mechanical

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

327.1 x 241 x 19.9 mm (12.88 x 9.49 x 0.78 inches)

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

Starting at 1.6 kg (3.53 lbs)

### Case Color

Iron grey

### Surface Treatment\*\*

- IMR (in-mold decoration by roller)
- Texture

### Case Material

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

#### Notes:

1. 1:The system dimensions may vary depending on configurations.

2. 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>

802.11ac 2x2 Wi-Fi® + Bluetooth 5.1, M.2 card

#### Notes:

1. 1:Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

### Standard Ports

- 1x USB 2.0

- 2x USB 3.1 Gen 1
- 1x HDMI 1.4b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

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**Notes:**

- 1.1: 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;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt™ 3/4: 40 Gbit/s

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in SoC

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

- Power-on password
- Supervisor password
- Hard disk password

## SERVICE

### Warranty

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 2-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)

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**Notes:**

- 1.1: When you charge the battery, its temperature must be no lower than 10°C (50°F).

## CERTIFICATIONS

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

#### Green Certifications

- ENERGY STAR® 8.0

- ErP Lot 3
- RoHS compliant

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Notes:

- 1.1: 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.
  - Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
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