

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Ryzen 3 5300U	4	8	2.6GHz	3.8GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics
AMD Ryzen 5 5500U	6	12	2.1GHz	4.0GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 7 5700U	8	16	1.8GHz	4.3GHz	4MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics

### Operating System

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
- No operating system

### Graphics

Graphics	Type	Memory	Key Features
AMD Radeon Graphics	Integrated	Shared	DirectX® 12

### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 4K@30Hz)

### Chipset

AMD SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-3200

#### Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

#### Max Memory

- Up to 12GB (4GB soldered + 8GB SO-DIMM) DDR4-3200 offering
- Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR4-3200 offering

#### Notes:

- 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

Up to 2 drives, 1x 2.5" HDD + 1x M.2 2242/2280 SSD

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

#### Storage Type

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-

M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

## Removable Storage

### Optical

None

### Card Reader

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

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

### Microphone

Dual array microphone

### Camera

720p, with privacy shutter, fixed focus

## Battery

### Battery

- Integrated Li-Polymer 38Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

### Max Battery Life

- MobileMark® 2018: 7.5 hr (38Wh)
- MobileMark 2018: 9 hr (45Wh)

### Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 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

65W round tip (Wall Mount) AC adapter

## DESIGN

## Display

### Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
15.6"	FHD (1920x1080)	None	TN	250 nits	Anti-glare	16:9	-	45% NTSC	-	-
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	45% NTSC	-	-
15.6"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-glare	16:9	-	45% NTSC	-	-

### Notes:

- 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>

### Touchscreen

- Capacitive-type on-cell multi-touch, supports 10-point touch
- Non-touch

## Input Device

### Keyboard

6-row, multimedia Fn keys, numeric keypad

### Keyboard Backlight

- LED backlight
- Not support

### Touchpad

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

## Mechanical

### Dimensions (WxDxH)

359.2 x 236.5 x 19.9 mm (14.14 x 9.31 x 0.78 inches)

### Weight

1.65 kg (3.64 lbs)

### Case Color

- Abyss blue
- Arctic grey
- Sand

### Surface Treatment

IMR

### Case Material

PC + ABS (top), PC + ABS (bottom)

## CONNECTIVITY

### Network

#### WLAN + Bluetooth™

- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

### Ports

#### Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer only)
- 1x HDMI 1.4b
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)
- 1x power connector

#### Notes:

- Depending on many factors, actual data transfer speed may be lower than theoretical speed

## SECURITY & PRIVACY

### Security

#### Fingerprint Reader

- Touch style fingerprint reader on power button
- No fingerprint reader

#### BIOS Security

- Power-on password
- Administrator password

- Hard disk password

## Other Security

IR camera for Windows Hello

## SERVICE

### Warranty

#### Base Warranty

- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot service

## CERTIFICATIONS

### Green Certifications

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



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