

## PERFORMANCE

### Processor

#### Processor Family

Intel® Celeron®, Intel Pentium®, or 10th Generation Intel Core™ i3 / i5 / i7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron 5205U	2	2	1.9GHz	-	2MB	DDR4-2400	Intel UHD Graphics
Pentium Gold 6405U	2	4	2.4GHz	-	2MB	DDR4-2400	Intel UHD Graphics
Core i3-10110U	2	4	2.1GHz	4.1GHz	4MB	DDR4-2666	Intel UHD Graphics
Core i5-10210U	4	8	1.6GHz	4.2GHz	6MB	DDR4-2666	Intel UHD Graphics
Core i7-10510U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics

### Operating System

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

### Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
NVIDIA® GeForce® MX130	Discrete	2GB GDDR5	DirectX 12
NVIDIA GeForce MX330	Discrete	2GB GDDR5	DirectX 12

### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 3840x2160@30Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

- DDR4-2400
- DDR4-2666

#### 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) DDR4-2666 offering
- Up to 8GB (4GB soldered + 4GB SO-DIMM) DDR4-2400 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 two drives, 1x 2.5" HDD + 1x M.2 2242 SSD or 1x 2.5" HDD + 1 x M.2 2280 SSD

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

#### 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 x2	-	-

## Removable Storage

### Optical

- DVD burner (DVD±RW), SATA 1.5Gb/s, slim (9.0mm)
- Not configured

### Card Reader

Not Support

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

### Microphone

Single microphone

### Camera

- 0.3-megapixel, with privacy shutter, fixed focus
- 720p, with privacy shutter, fixed focus

## Battery

### Battery

Integrated Li-Polymer 36Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

### Max Battery Life

MobileMark® 2014: 9.5 hr

#### Notes:

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

- 45W round tip (Wall Mount) AC 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"	HD (1366x768)	None	TN	220 nits	Anti-glare	16:9	-	-	-	-
15.6"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	-	-	-	-
15.6"	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	-	-	-	-

#### 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**

Non-touch

**Input Device****Keyboard**

6-row, multimedia Fn keys, numeric keypad

**Keyboard Backlight**

Not support

**Touchpad**

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

**Mechanical****Dimensions (WxDxH)**

363 x 254.6 x 22.9 mm (14.29 x 10.02 x 0.9 inches)

**Weight**

2.2 kg (4.9 lbs)

**Case Color**

- Abyss blue
- Blizzard white
- Platinum grey

**Surface Treatment**

IMR

**Case Material**

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

**CONNECTIVITY****Network****Onboard Ethernet**

Gigabit Ethernet

**WLAN + Bluetooth™**

- 802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 card
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

**Ports****Standard Ports**

- 2x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1
- 1x HDMI 1.4b
- 1x Ethernet (RJ-45)
- 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****Security Chip**

Firmware TPM 2.0 integrated in chipset

**Physical Locks**

Kensington® Security Slot

**Fingerprint Reader**

Not Support

**BIOS Security**

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

**Other Security**

Camera privacy shutter

## 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

