

PERFORMANCE

Processor

Processor Family

Intel® Pentium® Gold Processor or 10th generation Intel Core™ i3 / i5 / i7 Processors

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor 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

Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
NVIDIA® GeForce® MX230	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

DDR4-2666

Memory Slots

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

Max Memory

Up to 16GB (4GB soldered + 12GB SO-DIMM) DDR4-2666

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

One drive, 1x M.2 2280 SSD or 1x M.2 2242 SSD

- M.2 2280 SSD up to 1TB
- M.2 2242 SSD up to 128GB

Storage Type

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	-

Removable Storage

Optical

Not Support

Card Reader

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

Multi-Media**Audio Chip**

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, Dolby® Audio™

Microphone

Dual array microphone

Camera

720p, with privacy shutter, fixed focus

Sensor**Sensors**

Accelerometer (G) sensor

Battery**Battery**

Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max Battery Life

MobileMark® 2014: 10.5 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 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
14.0"	HD (1366x768)	Multi-touch	TN	220 nits	Glossy	16:9	-	45% NTSC	-	-
14.0"	FHD (1920x1080)	Multi-touch	TN	220 nits	Glossy	16:9	-	45% NTSC	-	-
14.0"	FHD (1920x1080)	Multi-touch	IPS	250 nits	Glossy	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 multi-touch, supports 10-point touch

Multi-mode

Laptop, tent, stand and tablet modes supported by 360° hinge

Input Device

Pen

- Lenovo Digital Pen with replaceable battery
- Lenovo Digital Pen without replaceable battery
- Not configured (pen needs to be purchased separately)

Keyboard

6-row, multimedia Fn keys

Notes:

- Optional 2 level LED backlight

Keyboard Backlight

- LED backlight
- Not support

Touchpad

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

Mechanical

Dimensions (WxDxH)

328 x 229 x 17.9 mm (12.91 x 9.01 x 0.7 inches)

Weight

1.65 kg (3.64 lbs)

Case Color

- Abyss blue
- Onyx black
- Platinum

Surface Treatment

Painting

Case Material

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

CONNECTIVITY

Network

Onboard Ethernet

Not Support

WLAN + Bluetooth™

- 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 card
- 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 card

Ports

Standard Ports

- 1x USB 3.1 Gen 1
- 1x USB 3.1 Gen 1 (Always On)
- 1x USB-C 3.1 Gen 1
- 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

Security Chip

Not Support

Fingerprint Reader

- Touch style fingerprint reader on palm rest
- Not configured

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User 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

