

PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i5 / i7 / i9 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-10300H	4	8	2.5GHz	4.5GHz	8MB	DDR4-2933	Intel UHD Graphics
Core i7-10750H	6	12	2.6GHz	5.0GHz	12MB	DDR4-2933	Intel UHD Graphics
Core i7-10875H	8	16	2.3GHz	5.1GHz	16MB	DDR4-2933	Intel UHD Graphics
Core i9-10980HK	8	16	2.4GHz	5.3GHz	16MB	DDR4-2933	Intel UHD Graphics

Operating System

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

Graphics

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

Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via Thunderbolt™ (up to 3840x2160@30Hz)

Chipset

Intel HM470 chipset

Memory

Memory Type

DDR4-2933

Notes:

- Installed memory is actually 3200MHz but may run at 2933MHz due to processor limitation

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

- 32GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

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, 2x M.2 2280 SSD

- M.2 2280 SSD up to 1TB

Storage Type

Disk Type	Interface	RPM	Security
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® ALC3286 codec

Speakers

Stereo speakers, 2W x2, Dolby® Atmos® for gaming

Microphone

Dual array microphone

Camera

720p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 60Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life

MobileMark® 2014: 10 hr

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

95W USB-C 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	IPS	300 nits	Anti-glare	16:9	-	72% NTSC	-	Refresh rate 60Hz, Dolby Vision™, DC dimmer
15.6"	UHD (3840x2160)	None	IPS	600 nits	Anti-glare	16:9	-	100% Adobe® RGB	-	Refresh rate 60Hz, Dolby Vision, HDR 400, DC dimmer

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, spill-resistant, multimedia Fn keys, numeric keypad

Keyboard Backlight

LED backlight

Touchpad

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

Mechanical**Dimensions (WxDxH)**

356 x 251.8 x 14.9 mm (14.02 x 9.91 x 0.59 inches)

Weight

1.7 kg (3.75 lbs)

Case Color

Iron grey

Surface Treatment

Anodizing sandblasting

Case Material

Aluminium (top), aluminium (bottom)

System Lighting

"Y" Logo with white lighting on top cover

White lighting on power button

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

No Ethernet

WLAN + Bluetooth™

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

Ports**Standard Ports**

- 1x USB 3.2 Gen 2
- 1x USB 3.2 Gen 2 (Always On)
- 2x USB-C 3.2 Gen 1 / Thunderbolt 3 (support data transfer, Power Delivery and DisplayPort™ 1.4)
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)

Notes:

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

Monitor Cable

1x Lenovo USB-C 3-in-1 Hub (USB-C to VGA/HDMI®/USB-A)

SECURITY & PRIVACY**Security****Physical Locks**

No physical locks

Fingerprint Reader

Touch style fingerprint reader on power button

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 compliant

