

PERFORMANCE

Processor

Processor Family

AMD Athlon™ or AMD Ryzen™ 3 / 5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Athlon 300U	2	4	2.4GHz	3.3GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Vega 3 Graphics
AMD Ryzen 3 3200U	2	4	2.6GHz	3.5GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon Vega 3 Graphics
AMD Ryzen 5 3500U	4	8	2.1GHz	3.7GHz	2MB L2 / 4MB L3	DDR4-2400	AMD Radeon Vega 8 Graphics

Operating System

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

Graphics

Graphics	Type	Memory	Key Features
AMD Radeon Vega 3 Graphics	Integrated	Shared	DirectX® 12
AMD Radeon Vega 8 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 3840x2160@30Hz)

Chipset

AMD SoC (System on Chip) platform

Memory

Memory Type

DDR4-2400

Memory Slots

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

Max Memory

Up to 12GB (4GB soldered + 8GB SO-DIMM) DDR4-2400

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 + 1x M.2 2280 SSD

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

Storage Type

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

2.5" SATA SSD	SATA 6Gb/s	-	-
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, fixed focus
- 720p, fixed focus

Battery

Battery

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

Max Battery Life

MobileMark® 2014: 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

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	-	-	-	-

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

Pen

Not support

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad

Keyboard Backlight

Not support

Touchpad

One-piece multi-touch touchpad

Mechanical

Dimensions (WxDxH)

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

Weight

2.2 kg (4.85 lbs)

Case Color

Iron grey

Surface Treatment

Texture

Case Material

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

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet

WLAN + Bluetooth™

802.11ac 1x1 Wi-Fi + Bluetooth 4.1, M.2 card

WWAN

Not Support

SIM Card

Not Support

Ports

Standard Ports

- 2x USB 3.1 Gen 1
- 1x HDMI 1.4
- 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

Optional Ports

None

Monitor Cable

Not Support

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

SERVICE

Warranty

Base Warranty

- 1-year depot service
- 2-year (1-yr battery) depot service

ACCESSORIES

Bundled Accessories

Not Support

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- RoHS

Other Certifications

Mil-Spec Test

None

