OVERVIEW



1. Power button	5. HDMI 1.4b
2. Card reader	6. USB 2.0
3. Headphone / microphone combo jack (3.5mm)	7. 2x USB 3.2 Gen 1
4. Power connector	

PERFORMANCE

Processor

Processor Family

AMD 3000, AMD Athlon™, or AMD Ryzen™ 3 / 5 / 7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD 3020e	2	2	1.2GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
AMD Athlon™ Gold 3150U	2	4	2.4GHz	3.3GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
AMD Athlon™ Silver 3050U	2	2	2.3GHz	3.2GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
AMD Ryzen™ 3 3250U	2	4	2.6GHz	3.5GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
AMD Ryzen™ 5 3500U	4	8	2.1GHz	3.7GHz	2MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Vega 8 Graphics
AMD Ryzen™ 7 3700U	4	8	2.3GHz	4.0GHz	2MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ RX Vega 10 Graphics

Operating System

Operating System**

- Windows® 11 Home
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 10 Home 64 Single Language
- Windows® 10 Home in S mode
- FreeDOS
- No operating system

Graphics

Graphics**

Graphics	Type	Memory	Key Features
AMD Radeon™ Graphics	Integrated	Shared	DirectX® 12
AMD Radeon™ Vega 8 Graphics	Integrated	Shared	DirectX® 12
AMD Radeon™ RX Vega 10 Graphics	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

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

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory**

- Up to 8GB (8GB SO-DIMM) DDR4-2400 offering (AMD 3020e models)
- Up to 12GB (4GB soldered + 8GB SO-DIMM) DDR4-2400 offering (Athlon™ or Ryzen™ models)

Memory Slots**

- One DDR4 SO-DIMM slot (AMD 3020e models)
- One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable (Athlon™ or Ryzen™ models)

Memory Type

DDR4-2400[1]

Notes:

[1] Installed memory is actually DDR4-2666 or DDR4-3200 but run as DDR4-2400 due to platform limitation.

Storage

Storage Support[**][1]

- Models with 42Wh battery: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 1TB
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 512GB
- Models with 56Wh battery: one drive, 1x M.2 SSD
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 512GB

Storage Slot[**]

- Models with 42Wh battery: one 2.5" drive slot + one M.2 slot
  - One 2.5" drive slot, supports 2.5" SATA HDD
  - One M.2 2280 PCIe® Gen 3x4 slot, supports M.2 2242/2280 SSD
- Models with 56Wh battery: one M.2 slot
  - One M.2 2280 PCIe® Gen 3x4 slot, supports M.2 2242/2280 SSD

Storage Type[***]

Disk Type	Interface	RPM
2.5" SATA HDD	SATA 6Gb/s	5.4K
M.2 2280 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x2	-

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

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

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1.5W x2, Dolby Audio™

Microphone

Dual-microphone array

Camera[**][1]

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

Notes:

[1] HD720p camera for AP and NA only.

Battery

Battery[**]

- Integrated Li-Polymer 42Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life[**][1]

- MobileMark® 2014: 13 hr (56Wh)
- MobileMark® 2014: 8 hr (42Wh)

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending 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

Power Adapter[1]

65W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display[**]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio
17.3″	HD+ (1600x900)	None	TN	250nits	Anti-glare	16:9
17.3″	FHD (1920x1080)	None	IPS	300nits	Anti-glare	16:9

Touchscreen

Non-touch

Input Device

Keyboard

6-row, multimedia Fn keys, numeric keypad

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Mechanical

Dimensions (WxDxH)[1]

402 x 281.25 x 19.9 mm (15.83 x 11.07 x 0.78 inches)

Weight[2]

2.2 kg (4.85 lbs)

Case Color[**]

- Abyss blue
- Platinum grey

Surface Treatment

IMR (in-mold decoration by roller)

Case Material

PC-ABS (top), PC-ABS (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight

for each specific model.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet

WLAN + Bluetooth®[1]

802.11ac 2x2 Wi-Fi® + Bluetooth® 5.0, M.2 card

Notes:

[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports[1]

Standard Ports

- 1x USB 2.0
- 2x USB 3.2 Gen 1
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 1x Power connector

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
USB 2.0: 480 Mbit/s;
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Fingerprint Reader

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

BIOS Security

- Administrator password
- Power-on password
- Hard disk password

Other Security

Camera privacy shutter

SERVICE

Warranty

Base Warranty[**]

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service

OPERATING REQUIREMENTS

Operating Environment

Temperature[1][2]

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1], [2] When you charge the battery, its temperature must be no lower than 10°C (50°F).

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ErP Lot 3
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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