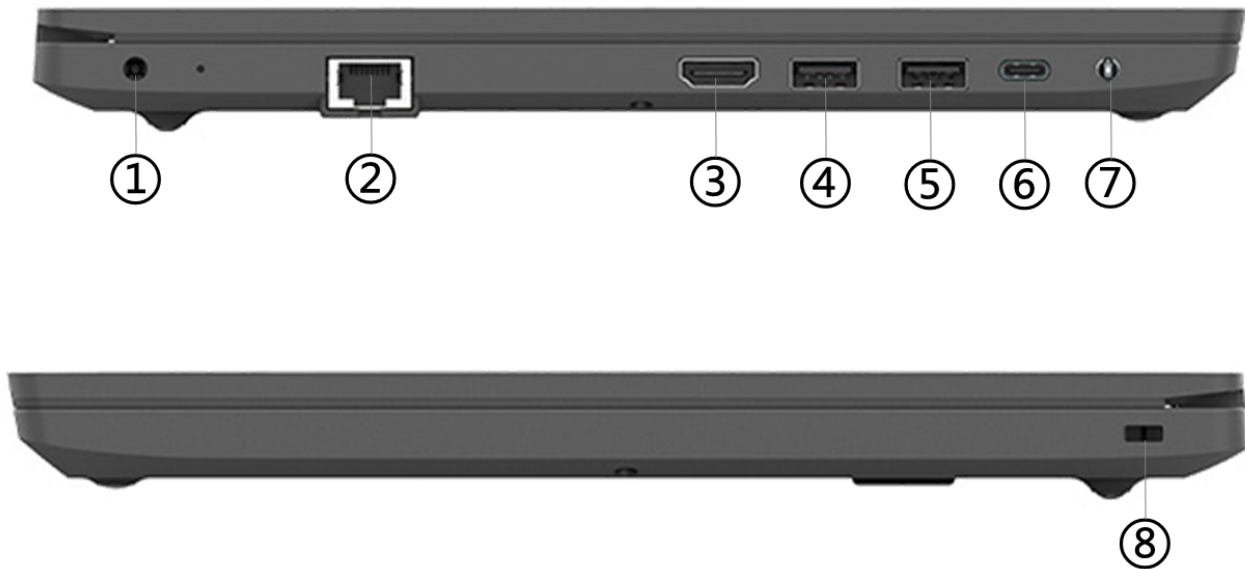


OVERVIEW



1. Power connector	5. USB 2.0
2. Ethernet (RJ-45)	6. USB-C 3.2 Gen 1
3. HDMI	7. Headphone / microphone combo jack (3.5mm)
4. USB 3.2 Gen 1	8. Kensington Security Slot

Notes:

- Items with * are only available on selected models
- Optional SD card reader on the front side (not shown on the sample product above)

PERFORMANCE

Processor

Processor Family

AMD Athlon™ or AMD Ryzen™ 3 / 5 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD Athlon™ Gold 3150U	2	4	2.4GHz	3.3GHz	1MB L2 / 4MB L3	AMD Radeon™ Graphics
AMD Athlon™ PRO 3045B	2	2	2.3GHz	3.2GHz	1MB L2 / 4MB L3	AMD Radeon™ Graphics
AMD Athlon™ PRO 3145B	2	4	2.4GHz	3.3GHz	1MB L2 / 4MB L3	AMD Radeon™ Graphics
AMD Athlon™ Silver 3050U	2	2	2.3GHz	3.2GHz	1MB L2 / 4MB L3	AMD Radeon™ Graphics
AMD Ryzen™ 3 3250U	2	4	2.6GHz	3.5GHz	1MB L2 / 4MB L3	AMD Radeon™ Graphics
AMD Ryzen™ 3 3300U	4	4	2.1GHz	3.5GHz	2MB L2 / 4MB L3	AMD Radeon™ Vega 6 Graphics
AMD Ryzen™ 5 3500U	4	8	2.1GHz	3.7GHz	2MB L2 / 4MB L3	AMD Radeon™ Vega 8 Graphics

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 10 Home 64 Single Language
- FreeDOS
- Ubuntu Linux^[1]
- No preload operating system

Notes:

[1] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
AMD Radeon™ Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ Vega 6 Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ Vega 8 Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via HDMI®)

- HDMI® supports up to 1920x1080@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory^[1]

Up to 32GB DDR4-2400

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type

DDR4-2400

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support^[1]

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

Storage Slot

One 2.5" drive slot + one M.2 slot

- One 2.5" SATA HDD slot
- One M.2 2242 PCIe® 3.0 x4 slot

Storage Type^{***}

Disk Type	Interface	RPM	Offering
2.5" SATA HDD	SATA 6Gb/s	5.4K	500GB / 1TB
2.5" SATA HDD	SATA 6Gb/s	7.2K	500GB
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-	128GB / 256GB / 512GB
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4 ^[2]	-	256GB / 512GB

Notes:

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

[2] The SSD with PCIe® 4.0x4 is downgraded to closer to PCIe® 3.0 x4 due to AMD platform limitations.

Removable Storage

Card Reader

- SD card reader
- No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers^{**}

- Single speaker, 1.5W x1
- Stereo speakers, 1.5W x2

Microphone

Single microphone

Camera^{**}

- 0.3-megapixel, fixed focus
- HD 720p, fixed focus

Battery

Battery

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

Max Battery Life^[1]

MobileMark® 2018: 7.21 hr

Local video (1080p) playback@150nits: 9.93 hr

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]**

- 45W round tip (3-pin) AC adapter, 100-240V, 50-60Hz
- 65W round tip (3-pin) 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	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
14"	HD (1366x768)	None	TN	220nits	Anti-glare	16:9	500:1	45% NTSC	45°/45°/-/-
14"	FHD (1920x1080)	None	TN	220nits	Anti-glare	16:9	500:1	45% NTSC	45°/45°/-/-

Touchscreen

Non-touch

Input Device**Keyboard**

6-row, multimedia Fn keys

Keyboard Backlight

Non-backlight

Touchpad

2-button multi-touch touchpad, 52.3 x 92 mm (2.06 x 3.62 inches)

Mechanical**Dimensions (WxDxH)^[1]**

330 x 230 x 19.9 mm (12.99 x 9.06 x 0.78 inches)

Weight^[2]

Starting at 1.59 kg (3.51 lbs)

Case Color

Iron grey

Surface Treatment

Texture

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

Gigabit Ethernet, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®**

- 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card^[1]

Notes:

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.
Bluetooth® 5.2 is hardware ready but may run at a lower version due to OS limitations.

Ports^[1]

Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer only)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

Optional Ports

1x SD card reader

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 SoC

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Fingerprint Reader

- Touch style fingerprint reader on palm rest
- No fingerprint reader

BIOS Security

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

SERVICE

Warranty

Base Warranty

1-year courier or carry-in service

ENVIRONMENTAL

Operating Environment

Temperature^[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: 5°C (41°F) to 43°C (109°F)

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

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered^[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.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please see epeat.net for registration status by country.

- 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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