

OVERVIEW



1. Power connector	5. Headphone / microphone combo jack (3.5mm)
2. USB 3.2 Gen 1	6. Ethernet (RJ-45)
3. HDMI 1.4b	7. USB 2.0
4. USB-C 3.2 Gen 1 (data transfer only)	8. Kensington Nano Security Slot

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Processor

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron N4500	2	2	1.1GHz	2.8GHz	4MB L3	DDR4-2933	Intel UHD Graphics
Celeron N5100	4	4	1.1GHz	2.8GHz	4MB L3	DDR4-2933	Intel UHD Graphics
Pentium Silver N6000	4	4	1.1GHz	3.3GHz	4MB L3	DDR4-2933	Intel UHD Graphics

Operating System

Operating System\*\*

- Windows® 11 Pro 64
- Windows 11 Home 64
- No operating system

Graphics

Graphics

Graphics	Type	Memory	TGP	Key Features
Intel UHD Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12

Monitor Support

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

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

Up to 8GB DDR4-2933 offering

Memory Slots

One DDR4 SO-DIMM slot

Memory Type<sup>[2]</sup>

DDR4-2933

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.
2. Installed memory is actually 3200MHz but may run at 2933MHz due to processor limitation

Storage

Storage Support

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" drive slot, supports 2.5" SATA HDD
- One M.2 2280 PCIe Gen 3x4 slot, supports M.2 2242/2280 SSD

Storage Type\*\*\*

Disk Type	Interface	RPM	Offering
2.5" SATA HDD	SATA 6Gb/s	5.4K	500GB / 1TB
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	128GB / 256GB / 512GB
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	512GB

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone

Dual array microphone

Camera\*\*

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

Battery

Battery\*\*

- Integrated Li-Polymer 38Wh battery
- Integrated Li-Polymer 45Wh battery

Max Battery Life<sup>[1]</sup>

- Local video (1080p) playback@150nits: 11.4 hr (38Wh)
- Local video (1080p) playback@150nits: 12 hr (45Wh)

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, 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 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

Power Adapter\*\*

- 45W round tip (3-pin) AC adapter
- 65W round tip (2-pin, wall-mount) AC adapter

DESIGN

Display

Display\*\*<sup>[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
15.6"	FHD (1920x1080)	None	TN	250 nits	Anti-glare	16:9	500:1	45% NTSC	90°	-
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	800:1	45% NTSC	170°	-

Touchscreen

Non-touch

Notes:

1. 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>

Input Device

Keyboard

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

Keyboard Backlight

No support

Touchpad

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

Mechanical

Dimensions (WxDxH)

Models	Dimensions
All models	359.2 x 235.8 x 19.9 mm (14.14 x 9.28 x 0.78 inches)

Weight<sup>[1]</sup>

Models	Weight
All models	1.7 kg (3.75 lbs)

Case Color

Black

Surface Treatment

Texture

Case Material

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

Notes:

1. The system weight varies depending on configurations

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, Realtek RTL8111H

WLAN + Bluetooth®

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

Ports<sup>[1]</sup>

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 Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 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;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt™ 3: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Physical Locks

Kensington® Nano Security Slot

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

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

#### Other Security

Camera privacy shutter

## SERVICE

### Warranty

#### Base Warranty\*\*

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

## ENVIRONMENTAL

### Operating Environment

#### Temperature<sup>[1]</sup>

- 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)

#### 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

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

## Other Certifications

### Other Certifications

TÜV Rheinland® Low Blue Light

- 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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