

OVERVIEW



1. Power button	5. USB 3.2 Gen 1 (data transfer only)
2. microSD card reader	6. HDMI
3. USB 3.2 Gen 1 (data transfer only)	7. Headphone / microphone combo jack (3.5mm)
4. Power connector	

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron N4000	2	2	1.1GHz	2.6GHz	4MB	Intel UHD Graphics 600
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	Intel UHD Graphics 600
Celeron N4120	4	4	1.1GHz	2.6GHz	4MB	Intel UHD Graphics 600
Pentium Silver N5030	4	4	1.1GHz	3.1GHz	4MB	Intel UHD Graphics 605

Operating System

Operating System**[1]

- Windows® 11 Home
- Windows 11 Home in S mode
- Windows 11 Home Single Language
- Windows 11 Home Single Language in S mode
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 Home Single Language in S mode
- Windows 10 Home in S mode

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	Key Features
Intel UHD Graphics 600	Integrated	Shared	DirectX® 12
Intel UHD Graphics 605	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 1920x1080@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory

4GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

DDR4-2400

Storage

Storage Support**[1][2]

- One drive, up to 256GB M.2 2242 SSD

- 64GB eMMC 5.1 on systemboard

Storage Slot**

- eMMC on systemboard, no slots (eMMC models)
- One M.2 2242 PCIe® 3.0 x2 slot (M.2 SSD models)

Storage Type**

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	64GB
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x2	128GB / 256GB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings. The system may support larger storage as the technology develops.

[2] The system has onboard eMMC storage or M.2 2242 SSD exclusively

Removable Storage

Optical

None

Card Reader

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1.5W x2, optimized with Dolby® Audio™

Microphone

Single microphone

Camera

HD 720p, with privacy shutter, fixed focus

Sensor

Sensors

Accelerometer (G) sensor

Battery

Battery

Integrated Li-Polymer 37.5Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)^[1]

Max Battery Life^[2]

- FHD models:
 - MobileMark® 2014: 11.2 hr
 - Local video (1080p) playback@150nits: 10 hr
- HD models:
 - MobileMark 2014: 12.8 hr
 - Local video (1080p) playback@150nits: 10.6 hr

Notes:

[1] Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.

[2] 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

45W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz

DESIGN

Display

Display**^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
11.6" ^[2]	HD (1366x768)	Multi-touch	IPS	250 nits	Glossy	16:9	-	50% NTSC	85°/85°/-/-	-
11.6" ^[3]	FHD (1920x1080)	Multi-touch	IPS	250 nits	Glossy	16:9	-	50% NTSC	-	-

Touchscreen

Capacitive-type multi-touch, supports 10-point touch

Notes:

^[1] California Electronic Waste Recycling Fee

In California USA, 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, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

^[2], ^[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Multi-mode

Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

Input Device

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 60 x 90 mm (2.36 x 3.54 inches)

Mechanical

Dimensions (WxDxH)^[1]

281.7 x 198 x 17.5 mm (11.09 x 7.79 x 0.68 inches)

Weight^[2]

Starting at 1.13 kg (2.49 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

WLAN + Bluetooth^[1]

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

Notes:

[1] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

Ports^[1]

Standard Ports

- 2x USB 3.2 Gen 1 (support data transfer only)
- 1x HDMI 1.4b
- 1x microSD card reader
- 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;

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

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

Other Security

Camera privacy shutter

SERVICE

Warranty^[1]

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
- 3-year (1-yr battery) courier or carry-in service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

ENVIRONMENTAL

Operating Environment

Temperature^[1]

- 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^[1]

Green Certifications

- ENERGY STAR® 8.0
- 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.

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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