

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Silver Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|----------------------|-------|---------|----------------|---------------|-------|----------------|------------------------|
| Celeron N4020 | 2 | 2 | 1.1GHz | 2.8GHz | 4MB | DDR4-2400 | Intel UHD Graphics 600 |
| Celeron N4120 | 4 | 4 | 1.1GHz | 2.6GHz | 4MB | DDR4-2400 | Intel UHD Graphics 600 |
| Pentium Silver N5030 | 4 | 4 | 1.1GHz | 3.1GHz | 4MB | DDR4-2400 | Intel UHD Graphics 605 |

Operating System

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
- FreeDOS

Graphics

| Graphics | Type | Memory | Key Features |
|------------------------|------------|--------|--------------|
| Intel UHD Graphics 600 | Integrated | Shared | DirectX® 12 |
| Intel UHD Graphics 605 | 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

Intel SoC (System on Chip) platform

Memory

Memory Type

DDR4-2400

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

4GB soldered memory, not upgradable

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

- One drive, up to 256GB M.2 2242 SSD or 512GB M.2 2280 SSD
- 64GB eMMC 5.1 on systemboard

Notes:

- System has one M.2 2242 SSD, one M.2 2280 SSD or one eMMC on systemboard exclusively.

Storage Type

| Disk Type | Interface | RPM | Security |
|-----------|-----------|-----|----------|
|-----------|-----------|-----|----------|

| | | | |
|--------------|------------------------|---|---|
| M.2 2280 SSD | PCIe NVMe, PCIe 2.0 x4 | - | - |
| M.2 2242 SSD | PCIe NVMe, PCIe 2.0 x4 | - | - |
| Flash Memory | eMMC 5.1 | - | - |

Removable Storage

Optical

Not Support

Card Reader

MicroSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone

Dual array microphone

Camera

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

Battery

Battery

Integrated Li-Polymer 32Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life

MobileMark® 2018: 8 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

45W 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 |
|-------|-----------------|-------|------|------------|------------|--------------|----------------|-------------|---------------|--------------|
| 14.0" | HD (1366x768) | None | TN | 220 nits | Anti-glare | 16:9 | - | - | - | - |
| 14.0" | FHD (1920x1080) | None | TN | 220 nits | Anti-glare | 16:9 | - | - | - | - |
| 14.0" | FHD (1920x1080) | None | IPS | 250 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**Keyboard**

6-row, multimedia Fn keys

Keyboard Backlight

Not support

Touchpad

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

Mechanical**Dimensions (WxDxH)**

327.1 x 235 x 17.7-17.9 mm (12.88 x 9.25 x 0.69-0.7 inches)

Weight

1.4 kg (3.09 lbs)

Case Color

- Flame orange
- Ice blue
- Platinum grey

Surface Treatment

IMR

Case Material

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

CONNECTIVITY**Network****Onboard Ethernet**

Not Support

WLAN + Bluetooth™

- 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 card
- 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 card

Ports**Standard Ports**

- 2x USB 3.2 Gen 1
- 1x HDMI 1.4
- 1x card reader
- 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

SECURITY & PRIVACY**Security****Security Chip**

Firmware TPM 2.0 integrated in chipset

Fingerprint Reader

Not Support

BIOS Security

- Power-on password
- Administrator password
- Hard disk password (M.2 SSD models only)

SERVICE

Warranty

Base Warranty

- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot service

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS

