## OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power connector</td>
</tr>
<tr>
<td>2</td>
<td>2x USB 3.2 Gen 1</td>
</tr>
<tr>
<td>3</td>
<td>HDMI 1.4</td>
</tr>
<tr>
<td>4</td>
<td>MicroSD card reader</td>
</tr>
<tr>
<td>5</td>
<td>Headphone / microphone combo jack (3.5mm)</td>
</tr>
</tbody>
</table>
PERFORMANCE

Processor

Processor Family
Intel® Celeron® or Intel Pentium® Processor

Processor**

<table>
<thead>
<tr>
<th>Processor Name</th>
<th>Cores</th>
<th>Threads</th>
<th>Base Frequency</th>
<th>Max Frequency</th>
<th>Cache</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celeron N4020</td>
<td>2</td>
<td>2</td>
<td>1.1GHz</td>
<td>2.8GHz</td>
<td>4MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 600</td>
</tr>
<tr>
<td>Celeron N4120</td>
<td>4</td>
<td>4</td>
<td>1.1GHz</td>
<td>2.6GHz</td>
<td>4MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 600</td>
</tr>
<tr>
<td>Pentium Silver N5030</td>
<td>4</td>
<td>4</td>
<td>1.1GHz</td>
<td>3.1GHz</td>
<td>4MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics 605</td>
</tr>
</tbody>
</table>

Operating System

Operating System**

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 11 Home in S mode
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home in S mode
- FreeDOS

Graphics

Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel UHD Graphics 600</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12</td>
</tr>
<tr>
<td>Intel UHD Graphics 605</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX 12</td>
</tr>
</tbody>
</table>

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

Intel SoC (System on Chip) platform

Memory

Max Memory**(1)
4GB soldered memory, not upgradable

Memory Slots
Memory soldered to systemboard, no slots

Memory Type
DDR4-2400

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.

Storage

Storage Support**(2)
One drive, up to 256GB M.2 2242 SSD or 512GB M.2 2280 SSD
• 64GB eMMC 5.1 on systemboard

**Storage Type**

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Memory</td>
<td>eMMC 5.1</td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe® NVMe®, PCIe 2.0 x4</td>
</tr>
</tbody>
</table>

Notes:
1. System has one M.2 SSD or one eMMC on systemboard exclusively.

**Removable Storage**

Optical
None
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:
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 (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz

**DESIGN**

**Display**

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch Type</th>
<th>Brightness</th>
<th>Surface</th>
<th>Aspect Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.0&quot;</td>
<td>HD (1366x768)</td>
<td>None</td>
<td>220 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>FHD (1920x1080)</td>
<td>None</td>
<td>220 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
</tr>
<tr>
<td>14.0&quot;</td>
<td>FHD (1920x1080)</td>
<td>None</td>
<td>250 nits</td>
<td>Anti-glare</td>
<td>16:9</td>
</tr>
</tbody>
</table>

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, multimedia Fn keys

Keyboard Backlight
No support

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

Mechanical

Dimensions (WxDxH)

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>327.1 x 235 x 17.7-17.9 mm (12.88 x 9.25 x 0.69-0.7 inches)</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>1.4 kg (3.09 lbs)</td>
</tr>
</tbody>
</table>

Case Color

- Flame orange
- Ice blue
- Platinum grey

Surface Treatment
IMR (in-mold decoration by roller)

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

Notes:
1. The system weight varies depending on configurations.

CONNECTIVITY

Network

Onboard Ethernet
No Ethernet

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

Fingerprint Reader
No fingerprint reader

BIOS Security
- Administrator password
- Power-on password
- Hard disk password (M.2 SSD model only)

SERVICE

Warranty

Base Warranty**[1]
- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot service
- 3-year (1-yr battery) depot service

Notes:
1. More information 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

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
• RoHS compliant

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

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