PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i5 / i7 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>Core i5-1035G4</td>
<td>4</td>
<td>8</td>
<td>1.1GHz</td>
<td>3.7GHz</td>
<td>6MB</td>
<td>LPDDR4-3733</td>
<td>Intel Iris® Plus Graphics</td>
</tr>
<tr>
<td>Core i7-1065G7</td>
<td>4</td>
<td>8</td>
<td>1.3GHz</td>
<td>3.9GHz</td>
<td>8MB</td>
<td>LPDDR4-3733</td>
<td>Intel Iris Plus Graphics</td>
</tr>
</tbody>
</table>

Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

Graphics

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

Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via Thunderbolt™ (up to 5120x3200@60Hz)

Chipset

Intel SoC (System on Chip) platform

Memory

Memory Type

LPDDR4x-3733

Memory Slots

Memory soldered to system board, no slots, dual-channel capable

Max Memory

- 8GB soldered memory, not upgradable
- 12GB soldered memory, not upgradable
- 16GB 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 1TB M.2 2280 SSD, optional Intel Optane™ Memory integrated with SSD, M.2

Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>RPM</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Intel Optane Memory with Solid State Storage, M.2 2280</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Removable Storage

Optical

None

Card Reader

No card reader
Multi-Media

Audio Chip
High Definition (HD) Audio, ALC3306 codec

Speakers
Stereo speakers, 2W x4 (2x woofers, 2x tweeters), Dolby® Atmos®

Microphone
Dual array microphone

Camera
720p, with privacy shutter, fixed focus

Sensor

Sensors
Accelerometer (G) sensor

Battery

Battery
Integrated Li-Polymer 60Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

Max Battery Life
- MobileMark® 2014: 17.8 hr (FHD)
- MobileMark 2014: 9.5 hr (UHD)

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

65W USB-C AC adapter

DESIGN

Display

Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
14.0" FHD (1920x1080) | Multi-touch | IPS | 400 nits | Glossy | 16:9 | - | 72% NTSC | - | Dolby Vision™
14.0" UHD (3840x2160) | Multi-touch | IPS | 500 nits | Glossy | 16:9 | - | 90% DCI-P3 | - | Dolby Vision

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
OGM (One Glass Metal mesh) multi-touch, supports 10-point touch

Multi-mode
Laptop, tent, stand and tablet modes supported by 360° sound-bar hinge

Input Device
Pen
Lenovo Integrated Pen, on-board rechargeable
Keyboard
6-row, multimedia Fn keys

Keyboard Backlight
LED backlight

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP)

Mechanical
Dimensions (WxDxH)
320.3 x 215.6 x 14.2-15.7 mm (12.61 x 8.49 x 0.56 - 0.62 inches)

Weight
1.35 kg (2.98 lbs)

Case Color
Iron grey
Mica

Surface Treatment
Aluminium CNC

Case Material
Aluminium (top), Aluminium (bottom)

CONNECTIVITY

Network
WLAN + Bluetooth™
- Wi-Fi 5, 802.11ac 2x2 Wi-Fi + Bluetooth 5.0
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0

Ports
Standard Ports
- 1x USB 3.1 Gen 2
- 2x USB-C 3.1 Gen 2 / Thunderbolt 3 (support data transfer, Power Delivery and DisplayPort™)
- 1x headphone / microphone combo jack (3.5mm)

Notes:
- Depending on many factors, actual data transfer speed may be lower than theoretical speed

Monitor Cable
- 1x Lenovo USB-C 3-in-1 Hub (USB-C to VGA/HDMI®/USB-A)
- No monitor cable

SECURITY & PRIVACY

Security
Fingerprint Reader
Touch style fingerprint reader on palm rest

BIOS Security
- Administrator password
- User password
- Master hard disk password
- User hard disk password

Other Security
Camera privacy shutter

SERVICE
Warranty

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

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant