## OVERVIEW

1. Nano-SIM-card and microSD card slot  
2. USB-C 3.2 Gen 1 / Thunderbolt 3  
3. Mini security-lock slot  
4. Pen holder slot  
5. Headphone / microphone combo jack (3.5mm)  
6. Pen holder slot  
7. Volume button  
8. Power button  
9. Pogo pin connector (6-point)

Notes:
- Rest hole in behind (not shown on the sample product above)
PERFORMANCE

Processor

Processor Family
8th 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 i5-8250U</td>
<td>4</td>
<td>8</td>
<td>1.6GHz</td>
<td>3.4GHz</td>
<td>6MB</td>
<td>LPDDR3-2133</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>Core i5-8350U</td>
<td>4</td>
<td>8</td>
<td>1.7GHz</td>
<td>3.6GHz</td>
<td>6MB</td>
<td>LPDDR3-2133</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>Core i7-8550U</td>
<td>4</td>
<td>8</td>
<td>1.8GHz</td>
<td>4.0GHz</td>
<td>8MB</td>
<td>LPDDR3-2133</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>Core i7-8650U</td>
<td>4</td>
<td>8</td>
<td>1.9GHz</td>
<td>4.2GHz</td>
<td>8MB</td>
<td>LPDDR3-2133</td>
<td>Intel UHD Graphics 620</td>
</tr>
</tbody>
</table>

Operating System

Operating System
- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 10 IoT Enterprise
- No operating system

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 620</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12</td>
</tr>
</tbody>
</table>

Chipset

Chipset
Intel SoC (System on Chip) platform

Memory

Max Memory
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Type
LPDDR3-2133

Storage

Storage Support
- One drive, up to 1TB M.2 2280 SSD

Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>Offering</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2 2280 SSD</td>
<td>SATA 6Gb/s</td>
<td>128GB</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>SATA 6Gb/s</td>
<td>256GB</td>
<td>Opal2</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe® NVMe®, PCIe 3.0 x4</td>
<td>256GB / 512GB / 1TB</td>
<td>Opal2</td>
</tr>
</tbody>
</table>

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.

Removable Storage

Card Reader
- MicroSD card slot (WLAN model)
- Nano-SIM + microSD card slot (WWAN model)
Multi-Media

Speakers
Stereo speakers, 1W x2

Microphone
Dual array microphone

Camera
• Front 2.0-megapixel RGB, fixed focus, rear 8.0-megapixel RGB, autofocus
• Front 2.0-megapixel IR & RGB hybrid, fixed focus; rear 8.0-megapixel RGB, autofocus
• No camera

Notes:
1. IR camera is mutually exclusive with NFC.

Sensor

Vibration Motor
No support

Sensors
• Accelerometer (G) sensor
• Ambient light sensor (ALS)
• Gyroscope sensor

Battery

Battery
Integrated Li-Polymer 42Wh battery

Max Battery Life
MobileMark® 2014: 9.5 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 USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
• 45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
• 65W USB-C (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
• 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

DESIGN

Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch</th>
<th>Type</th>
<th>Brightness</th>
<th>Surface</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Color Gamut</th>
<th>Viewing Angle</th>
<th>Key Features</th>
</tr>
</thead>
</table>

Notes:
1. California Electronic Waste Recycling Fee

Notes:
1. IR camera is mutually exclusive with NFC.

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.

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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.
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**

**Pen** *(1)*
- Lenovo Pen Pro with built-in rechargeable battery, 4096 levels of pressure sensitivity. For more information, please read Lenovo Pen Pro Overview.
- ThinkPad® Pen Pro with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity, on-board garaged (using pen holder). Learn more about ThinkPad Pen Pro Overview.
- No pen (pen sold separately)

Notes:
1. ThinkPad Pen Pro: might not be installed with an AAAA alkaline battery

**Mechanical**

**Dimensions (WxDxH)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablet with folio keyboard</td>
<td>304.1 x 226 x 14.4 mm (11.97 x 8.9 x 0.57 inches)</td>
</tr>
<tr>
<td>Tablet</td>
<td>304.1 x 226 x 8.9 mm (11.97 x 8.9 x 0.35 inches)</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablet with folio keyboard</td>
<td>Tablet: 0.89 kg (1.96 lbs)</td>
</tr>
<tr>
<td></td>
<td>Table with folio keyboard: 1.27 kg (2.8 lbs)</td>
</tr>
<tr>
<td>Tablet</td>
<td>0.89 kg (1.96 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**

Black

**Case Material**

Magnesium-aluminium

**Others**

Kensington® Security Slot

**Buttons**

- Power button
- Volume button

**CONNECTIVITY**

**Network**

**WLAN + Bluetooth®**(1)
Intel Dual-Band Wireless-AC 8265, 802.11ac Dual-Band 2x2 Wi-Fi® + Bluetooth 4.2

**WWAN***(2)
- Integrated Mobile Broadband 4G LTE-A, Sierra Wireless EM7430
- Integrated Mobile Broadband 4G LTE-A, Sierra Wireless EM7455
- No support

**SIM Card**

- Nano-SIM Card, Verizon LTE (US)
- No SIM card inbox

**NFC***(2)
- Near Field Communication
- No support

**Location Services***(2)

<table>
<thead>
<tr>
<th>Models</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Ports

**Standard Ports**
- 2x USB-C 3.2 Gen 1 / Thunderbolt™ 3 (support data transfer, Power Delivery, and DisplayPort™)
- 1x Nano-SIM + microSD card slot
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pen holder slot
- 1x Pogo pin connector (6-point)

Note:
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 3/4: 40 Gbit/s

### Docking

Docking
- Thin Keyboard (magnetic detachable)
- ThinkPad USB-C Dock Gen 2
- No dock

### Monitor Cable

Monitor Cable
- Lenovo USB-C to HDMI® Adapter
- Lenovo USB-C to VGA Adapter
- No monitor cable

### SECURITY & PRIVACY

### Security

**Security Chip**
Discrete TPM 2.0, TCG certified

**Fingerprint Reader**
Touch style fingerprint reader on display cover

### MANAGEABILITY

### System Management

**System Management**
- Intel vPro
- None

### SERVICE

### Warranty

**Base Warranty**
- 1-year depot service
• 1-year + 2-year depot service
• 1-year + 2-year limited onsite service
• 3-year (1-yr battery) depot service
• 3-year (1-yr battery) limited onsite service

Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

ENVIRONMENTAL

Operating Environment

Temperature
• Operating: 5°C (41°F) to 35°C (95°F)
• Storage: 5°C (41°F) to 43°C (109°F)
• Maximum temperature when operating under unpressurized conditions: 31.3°C (88°F)

Humidity
• Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
• Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude
Maximum altitude (without pressurization): 5000 m (16,404 ft)

ACCESSORIES

Bundled Accessories

Bundled Accessories***
• Lenovo USB-C to Ethernet Adapter
• Lenovo USB-C to USB-A Adapter
• Lenovo USB-C Travel Hub
• None

CERTIFICATIONS

Green Certifications

Green Certifications
• EPEAT™ Silver
• GREENGUARD®
• Low Halogen
• RoHS compliant

Other Certifications

MIL-Spec Test
MIL-STD-810G military test passed
you.

• The specifications on this page may not be available in all regions, and may be changed or updated without notice.