# OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Headphone / microphone combo jack (3.5mm)</td>
</tr>
<tr>
<td>2</td>
<td>Power button</td>
</tr>
<tr>
<td>3</td>
<td>Power connector</td>
</tr>
<tr>
<td>4</td>
<td>ThinkSmart One Cable</td>
</tr>
<tr>
<td>5</td>
<td>Kensington Security Slot</td>
</tr>
</tbody>
</table>
PERFORMANCE

Processor
Processor Family
8th Generation Intel® Core™ i5 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>Core i5-8365U</td>
<td>4</td>
<td>8</td>
<td>1.6GHz</td>
<td>4.1GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel UHD Graphics</td>
</tr>
</tbody>
</table>

Operating System
Operating System
Windows® 10 IoT Enterprise

Monitor Support
Monitor Support
Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via 2x HDMI® (on ThinkSmart™ One Cable)

Chipset
Chipset
Intel SoC (System on Chip) platform

Memory
Max Memory
Up to 8GB DDR4-2400
Memory Slots
Memory soldered to systemboard, no slots, dual-channel
Memory Type
DDR4-2400
Memory Protection
Non-ECC

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
One drive, 128GB M.2 2242 SSD
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 2242 SSD</td>
<td>PCIe® NVMe®, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Removable Storage
Card Reader
No card reader

Multi-Media
Audio Chip
High Definition (HD) Audio
Speakers
4 premium tuned speakers, 3W x4
Microphone
Four omnidirectional microphones for 360° audio capture

Camera
No camera

Sensor
Sensors
IR-based proximity sensor, automatically dim / brighten display (detection angle: +/- 45% (from display); detection distance: 3 meters at maximum)

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>
<tbody>
<tr>
<td>10.1&quot;</td>
<td>FHD (1920x1200)</td>
<td>Multi-touch</td>
<td>WVA</td>
<td>320 nits</td>
<td>Anti-glare</td>
<td>16:10</td>
<td>1000:1</td>
<td>-</td>
<td>horizontal: +/- 80°</td>
<td>Smudge resistant, 360° rotation support</td>
</tr>
</tbody>
</table>

Touchscreen
TDDI technology, supports 10-point 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.ca recurcycle.ca.gov/Electronics/Consumer

Input Device

Keyboard
No keyboard

Mouse
No mouse

Mechanical

LED indicators
360 degree LED ring on hinge neck and LED on top, indicates status for all users in the room

Buttons
Power button

Dimensions (WxDxH)

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>240 x 200 x 185.3 mm (9.45 x 7.87 x 7.30 inches)</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>2.45 kg (5.4 lbs)</td>
</tr>
</tbody>
</table>

Case Color
Raven black and red bottom

EOU
No support

Stand
No stand

CONNECTIVITY
**Network**

**Onboard Ethernet**
Gigabit Ethernet, Intel Ethernet Connection I219-LM, 1x RJ-45, supports Wake-on-LAN

**WLAN + Bluetooth®**
Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi® + Bluetooth 5.0, Intel vPro technology support, M.2 card

**Ports**

**Front Ports**
1x headphone / microphone combo jack (3.5mm)

**Rear Ports**
None

**Left Ports**
- 2x USB 3.1 Gen 2
- 1x USB-C 2.0 (support data transfer and display)
- 1x HDMI-in
- 1x Ethernet (RJ-45)
- 1x DisplayPort™
- 1x power connector

**Right Ports**
None

**One Cable**
Ports on ThinkSmart One Cable: 3x USB 3.2 Gen 1, 1x USB-C 3.2 Gen 1, 2x HDMI out, 1x Ethernet (RJ-45), 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
2. ThinkSmart One Cable occupies the ports on base (2x USB, 1x USB-C, 1x DP, 1x Ethernet, 1x Power DC-IN)

**SECURITY & PRIVACY**

**Security**

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

**Physical Locks**
- Cable lock box and secure cable management door to secure cable connections
- Kensington® Security Slot

**BIOS Security**
- Administrator password
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- USB port disablement

**MANAGEABILITY**

**System Management**
System Management
CERTIFICATIONS

Green Certifications
RoHS compliant

Other Certifications
TÜV Rheinland® Ultra Low Noise

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