### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th># of Threads</th>
<th>Base Frequency</th>
<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory Speed</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i5-4200U</td>
<td>2</td>
<td>4</td>
<td>1.6 GHz</td>
<td>2.6 GHz</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4400</td>
</tr>
<tr>
<td>i5-4210U</td>
<td>2</td>
<td>4</td>
<td>1.7 GHz</td>
<td>2.7 GHz</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4400</td>
</tr>
<tr>
<td>i7-4300U</td>
<td>2</td>
<td>4</td>
<td>1.9 GHz</td>
<td>2.9 GHz</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4400</td>
</tr>
<tr>
<td>i7-4600U</td>
<td>2</td>
<td>4</td>
<td>2.1 GHz</td>
<td>3.3 GHz</td>
<td>4MB</td>
<td>DDR3L-1600</td>
<td>Intel HD Graphics 4400</td>
</tr>
</tbody>
</table>

### Memory

- 4GB or 8GB / DDR3L-1600MHz / soldered to systemboard, no sockets

### Optical Storage

- M.2 Solid State Drive (SSD)

### Widescreen display

- Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio
- Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS, 170° viewing angle

### Multi-touch Camera Light sensor

- HD270p resolution, low light sensitive, face tracking, fixed focus, gesture input
- Ambient Light Sensor (Windows 8.1 64-bit only)

### Graphics

- Intel HD Graphics 4400 or 5000 in processor, external digital monitor support via Mini DisplayPort or HDMI™ (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable); supports three independent displays;
- Max resolution: 3840x2160 (Mini DisplayPort)@30Hz; 2880x1620 (HDMI)@60Hz

### Keyboard

- Adaptive Keyboard with a dynamically changing row providing additional functionality based on the type of the application active / 5-row, spill-resistant (except Adaptive Keys), LED backlight
- TrackPoint® pointing device and glass surface touchpad, integrated five buttons, multi-touch

### ThinkLight™

- None

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>WQHD (WxDxH):</th>
<th>HD+ (WxDxH):</th>
<th>WQHD Touch (WxDxH):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13.03&quot; x 8.92&quot; x 0.70&quot;</td>
<td>13.03&quot; x 8.93&quot; x 0.71&quot;</td>
<td>13.03&quot; x 8.94&quot; x 0.73&quot;</td>
</tr>
<tr>
<td></td>
<td>331.0mm x 226.5mm x 17.72mm</td>
<td>331.0mm x 226.8mm x 18.16mm</td>
<td>331.0mm x 227.1mm x 18.46mm</td>
</tr>
</tbody>
</table>

### Weight

<table>
<thead>
<tr>
<th>Model</th>
<th>WQHD</th>
<th>HD+</th>
<th>WQHD Touch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>2.82 lb / 1.28kg</td>
<td>2.96 lb / 1.34kg</td>
<td>3.15 lb / 1.43kg</td>
</tr>
</tbody>
</table>

### Case material

- Display cover: Carbon-Fiber Reinforced Plastic + Glass-Fiber Reinforced Plastic;
- Bottom: Magnesium/Aluminum

### Battery type

- Integrated Lithium Polymer 8-cell (45Wh) RapidCharge battery

### Max battery life

- AC Adapter: 45W AC Adapter, 65W Slim AC Adapter, or 65W AC Adapter
- RapidCharge: AC Adapter

### AC Adapter

- Change to 80%: 1.0hr, 50min, 50min
- Change to 100%: 2.3hr, 2.1hr, 2.1hr

### Chipset

- Intel SoC (System on Chip) platform

### Smart card reader

- None

### Media reader

- None

### Ports

- Two USB 3.0 (one Always On), MiniDP, HDMI, Ethernet extension connector, Lenovo OneLink connector, Micro-SIM card tray (WWAN upg / WWAN model only)

### Monitor Cable

- Some: Mini DisplayPort to VGA Monitor Cable

### Audio support

- HD Audio, Realtek® ALC3232 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array microphone, combo audio/microphone jack

### WLAN

- One of the following, configurable by model:
  - Intel Wireless-N 7260, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card
  - Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card
  - Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card

### WWAN (optional)

- One of the following, configurable by model:
  - Wireless WAN upgradeable
  - Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE / HSPA+/EVDO/CDMA/GPS/EDGE, GPS, M.2 card (US models)
  - Wireless WAN, Qualcomm® EM7345, 4G LTE/HSPA/CDMA/GPS/EDGE, GPS, M.2 card (WE models)
  - Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/HSPA/CDMA/GPS/EDGE, GPS, M.2 card (WE models)

### SIM card (optional)

- One of the following, configurable by model:
  - AT&T® or Verizon® LTE (4G), contract required with service provider (US models)
  - Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models)

### Bluetooth™

- Bluetooth® 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

### Ethernet

- Ethernet Extension cable

### NFC

- Optional: Near Field Communication

### Security

- Power-on password, hard disk password, supervisor password, security keyhole, user selectable, contract required with service provider

### Limited warranty

- One of the following, configurable by model:
  - 1-year depot repair service
  - 3-year/1-year battery depot repair service
  - 3-year/1-year battery limited onsite service
  - 3-year/1-year battery limited onsite service, OID (Onsite International Delivery)

### Preload

- Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
- Lenovo Solution Center
- ThinkVantage Product Recovery
- Rescue and Recovery™
- ThinkVantage System Update
- PC Device Stage
- Adobe® Reader®
- Norton™ Internet Security
- Microsoft Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions)

### Mil-Spec test

- MIL-STD-810G military certification

### Environment

- EPEAT® Gold, ENERGY STAR® 6.0; RoHS-compliant