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Summary of Changes

This section describes the technical changes made in this edition. This edition might also include minor corrections and editorial changes which are not identified.

May 22, 2019 - Version 543

Additions in this update

► New product(s)
  ThinkBook 13s-IWL models announced May 2019

► New model(s)
  None

► Others
  None

Withdrawals in this update

► Withdrawn product(s)
  None
### ThinkBook 13s-IWL Platform Specifications

#### 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>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i5-8265U</td>
<td>4</td>
<td>8</td>
<td>1.6 GHz</td>
<td>3.9 GHz</td>
<td>6MB</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>i7-8565U</td>
<td>1</td>
<td>4</td>
<td>1.8 GHz</td>
<td>4.6 GHz</td>
<td>8MB</td>
<td>Intel UHD Graphics 620</td>
</tr>
</tbody>
</table>

#### Graphics

- Intel UHD Graphics 620 in processor only or Intel UHD Graphics 620 in processor and
- AMD Radeon™ 540X, 2GB GDDR5 memory;
  - supports external digital monitor via HDMI or USB Type-C;
  - supports three independent displays;
  - Max resolution: 3840x2160 @ 60Hz (USB Type-C); 3840x2160 @ 30Hz (HDMI)

#### Chipset

- Intel SoC (System on Chip) platform

#### Memory

- 16GB max / 2400MHz DDR4, one DDR4 SO-DIMM sockets
  - * System clocks down for processors with lower memory controller

#### Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Surface Type</th>
<th>Brightness</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Viewing Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.3” FHD (1920x1080)</td>
<td>Anti-glare IPS</td>
<td>300 nits</td>
<td>16:9</td>
<td>800:1</td>
<td>170°</td>
<td></td>
</tr>
</tbody>
</table>

#### Storage

- One of the following, configurable by model:
  - M.2 SSD / SATA 6.0Gb/s
  - M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2
  - M.2 (2280) SSD / PCIe NVMe, PCIe 3.0 x 4

#### Optical Memory

- None

#### Ethernet

- Gigabit Ethernet connection via optional Lenovo USB-C to Ethernet Adapter

#### WLAN

- Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card

#### Bluetooth™

- Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

#### Dimensions

- WxDxH: 12.11” x 8.52” x 0.63”; 307.6mm x 216.4mm x 15.9mm

#### Weight

- Starting at 2.91 lb / 1.32 kg

#### Case color

- Mineral Grey

#### Case material

- Display cover: Aluminum
  - Bottom: Aluminum

#### Media reader

- None

#### Ports

- One USB-C 3.1 Gen 2 (with the function of DisplayPort), two USB 3.1 Gen 1 (one with Always On), HDMI 1.4b, headphone / microphone combo jack, AC power adapter jack
  - * Depending on many factors, actual data transfer speed may be lower than theoretical speed

#### Camera

- HD720p camera, fixed focus, ThinkShutter

#### Audio support

- HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby Audio™ X3, Skype For Business certified
dual array integrated digital microphone, microphone subsystem optimized for voice recognition

#### Keyboard

- 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

#### Trackpad

- Buttonless Mylar surface touchpad, multi-touch

#### Security

- Power-on password, hard disk password, supervisor password, FIDO™ (Fast Identity Online)

#### Security chip

- Discrete TPM 2.0, TCG Certified

#### Battery

- Integrated Li-ion 45Wh battery, supports Rapid Charge (quick charge 30min 50% / 2h 100%) with 65W slim tip AC adapter

#### Max battery life

- MobileMark® 2014: 11 hr

#### AC adapter

- 45W or 65W slim tip AC adapter

#### Preload

- Windows® 10 Home 64 or Windows 10 Pro 64

#### Limited warranty

- One of the following, configurable by model:
  - 1-year depot repair service
  - 1-year/2-yr motherboard depot repair service
  - 2-year/1-yr battery depot repair service

#### Environment

- ENERGY STAR® 7.0; RoHS-compliant

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Note: The specifications above may not be available in all regions.

Lenovo
May 2019
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Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.

If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.


Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.