### Processor

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<th>Processor Graphics</th>
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<td>8MB</td>
<td>DDR4-2400</td>
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or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)

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### Graphics

- Intel UHD Graphics 620 or Intel UHD Graphics in processor or Intel UHD Graphics 620 or Intel UHD Graphics in processor and NVIDIA® GeForce® MX250, 2GB GDDR5 memory; supports external digital monitor via HDMI or Thunderbolt; supports three independent displays; Max resolution: 4096x2304@60Hz (Thunderbolt); 4096x2160@24Hz (HDMI)

### Display

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<tr>
<th>Size</th>
<th>Type</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Color</th>
<th>Viewing Angle</th>
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<tbody>
<tr>
<td>14.0&quot; HD</td>
<td>(1366x768)</td>
<td>TN</td>
<td>Anti-glare</td>
<td>220 nits</td>
<td>16:9</td>
<td>400:1</td>
<td>45%</td>
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<tr>
<td>14.0&quot; FHD</td>
<td>(1920x1080)</td>
<td>IPS</td>
<td>Anti-glare</td>
<td>250 nits (non-touch) 300 nits (multi-touch)</td>
<td>16:9</td>
<td>700:1</td>
<td>45% 170°</td>
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<tr>
<td>14.0&quot; FHD</td>
<td>(1920x1108)</td>
<td>IPS</td>
<td>Anti-glare</td>
<td>400 nits</td>
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<td>400 nits</td>
<td>16:9</td>
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<td>72% 170°</td>
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<tr>
<td>14.0&quot; WQHD</td>
<td>(2560x1440)</td>
<td>IPS</td>
<td>Glossy</td>
<td>500 nits</td>
<td>16:9</td>
<td>1500:1</td>
<td>100% 170°</td>
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</table>

### Multi-touch (opt)

On-cell touch, supports 10-finger gesture (FHD only)

### Chipset

Intel SoC (System on Chip) platform

### Memory

- 40GB or 48GB max / 2400MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket
- *Installed memory is actually 2686MHz but run at 2400MHz due to Intel limitation*

### Storage

- M.2 2280 SSD / SATA 6.0Gbps (NOT available in EMEA)
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4

### Optical

None

### Ethernet

Virtual Network Connection (vPro)

### WWAN (optional)

- One of the following, configurable by model:
  - Wireless WAN upgradable (special bid only in EMEA)
  - Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only)
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L880-GL, MIMO 4x4, M.2 card

### NMC (optional)

Near Field Communication

### WWAN (optional)

- One of the following, configurable by model:
  - Wireless WAN upgradable (special bid only in EMEA)
  - Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only)
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L880-GL, MIMO 4x4, M.2 card

### SIM card (opt)

NANO-SIM card slot, optional Verizon LTE (US) SIM card

### Case color

Black

### Case material

Display cover: PPS / 50% GF;
Bottom: PA / 50% GF

### Memory

- Optional: Smart card reader

### Media reader

- MicroSD card reader

### Ports

- Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 / Thunderbolt 3 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP)
- HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole
- Depending on many factors, actual data transfer speed may be lower than theoretical speed

### Monitor (opt)

- HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
- USB-C to VGA: Lenovo USB-C to VGA Adapter
- USB-C to HDMI: Lenovo USB-C to HDMI Adapter
- USB-C to DP: Lenovo USB-C to DisplayPort Adapter

### Bundled Accy

None

### Camera (optional)

- One of the following, configurable by model:
  - HD720p camera with ThinkShutter camera privacy, fixed focus
  - IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

### Audio

- HD Audio, Realtek® ALC3287 codec / microphone combo jack
- Depending on many factors, actual data transfer speed may be lower than theoretical speed

### Security

- Power-on password, hard disk password, supervisor password, security keyhole
- Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified (may be disabled in some region)
- Intel vPro Technology

### System Mgt (opt)

- Optional: Touch style match on chip fingerprint reader on the palm rest

### NFC (optional)

Near Field Communication

### Battery

Integrated Li-ion 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

### Max battery life

- MobileMark® 2014: 16.11 hr

### AC adapter

- 45W USB-C AC adapter
- 65W USB-C AC adapter
- 65W USB-C slim AC adapter

### Operating system (opt)

- Windows® 10 Home
- Windows® 10 Pro
- Windows® 10 Pro in S mode

### Limited warranty (opt)

- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 1-year limited onsite service
- 3-year/yr battery depot repair service
- 1-year/yr battery depot repair service
- 3-year/yr battery limited onsite service

### Mil-Spec test

MIL-STD-810G military testing

### Environment

- EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant

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