### 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 Types</th>
<th>Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i5-10200H</td>
<td>4</td>
<td>8</td>
<td>2.4 GHz</td>
<td>4.1 GHz</td>
<td>8MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>i5-10300H</td>
<td>4</td>
<td>8</td>
<td>2.5 GHz</td>
<td>4.5 GHz</td>
<td>8MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>i7-10750H</td>
<td>6</td>
<td>12</td>
<td>2.9 GHz</td>
<td>5.0 GHz</td>
<td>12MB</td>
<td>DDR4-2933</td>
<td>NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)</td>
</tr>
</tbody>
</table>

**Notes:**
- Supports external digital monitor via HDMI;
- Supports dual independent display;
- Max resolution: 4096x2160

### Graphics

<table>
<thead>
<tr>
<th>Integrated Graphics</th>
<th>Discrete Graphics (Memory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel UHD Graphics</td>
<td>NVIDIA GeForce GTX 1650 (4GB GDDR6 memory)</td>
</tr>
</tbody>
</table>

**Notes:**
- Supports external digital monitor via HDMI;
- Supports dual independent display;
- Max resolution: 4096x2160

### Chipset

- Intel HM470 Chipset

### Memory

- 16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

### Display

- One of the following, configurable by model:
  - 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz
  - 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz

### Optical

- None

### Storage

- Up to 2 drives (one HDD and M.2 SSD):
  - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
  - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
  - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

### Environment

- ENERGY STAR® 8.0; GREENGUARD; ErP lot3; RoHS-compliant

### Limited warranty

- One of the following, configurable by model:
  - 1-year mail-in repair service
  - 1-year depot repair service
  - 1-year depot repair with 2-year system board repair service
  - 2-year/1-yr battery depot repair service

### Bundled Accessories

- Optional Lenovo Gaming M100 RGB Mouse (USB connector)

### Camera

- 720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone

### Audio support

- HD Audio, Dolby Audio®, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack

### Keyboard

- 6-row, multimedia Fn keys, numeric keypad, blue backlight

### Touchpad

- Buttonless Mylar surface multi-touch touchpad

### Security

- Power-on password, hard disk password, supervisor password

### Security chip

- Firmware TPM 2.0 integrated in chipset

### Battery

- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)

### AC adapter

- 135W slim tip AC adapter

### Preload (optional)

- Preloaded operating system
  - Windows® 10 Home 64
  - Windows 10 Pro 64

### Preloaded applications (only some listed)

- Microsoft Office Trial (with 30-day license)
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019
- Microsoft Office 365 Family
- Microsoft Office 365 Personal
- Microsoft Office Personal 2019
- Microsoft Office Professional 2019

### Media reader

- None

### Ports

- Two USB 3.2 Gen 1, one USB 3.2 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), AC power adapter jack, headphone / microphone combo jack

### Optional

- Media reader

### Note:

The specifications above may not be available in all regions.

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Lenovo

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