## 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 Size</th>
<th>Memory Types</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<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>2.6 GHz</td>
<td>5.0 GHz</td>
<td>12MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
</tbody>
</table>

## Graphics

<table>
<thead>
<tr>
<th>Graphics Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Graphics</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>Discrete Graphics (Memory)</td>
<td>NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory)</td>
</tr>
<tr>
<td>Supports</td>
<td>external digital monitor via HDMI; supports dual independent display;</td>
</tr>
<tr>
<td>Max resolution</td>
<td>4096x2160@60Hz (HDMI)</td>
</tr>
</tbody>
</table>

## Chipset

- **Chipset**: Intel HM470 Chipset
- **Memory**: 16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

## Display

- **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

## Multi-touch

- **Multi-touch**: 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
- **Optical**: None

## Ethernet

- **Ethernet**: Gigabit Ethernet connection

## WLAN + Bluetooth®

- **WLAN**: One of the following, configurable by model:
  - 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
  - 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- **Bluetooth**: Enhanced

## Dimensions

- **Wx Dx H**: 14.13” x 9.83” x 0.98”, 359mm x 249.6mm x 24.9mm
- **Weight**: Starting at 4.8 lb / 2.2 kg
- **Case color**: Chameleon blue or onyx black
- **Case material**: PC/ABS plastic

## Battery

- **Max battery life**: Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)
  
## Preload (optional)

- **Preloaded operating system**: Windows® 10 Home 64
- **Preloaded applications (only some listed)**:
  - Microsoft Office Trial (with 30-day license)
  - Microsoft Office Home and Business 2019
  - Microsoft Office Home and Business 2019
  - Microsoft Office Personal 2019
  - Microsoft Office Home and Business 2019
  - Microsoft Office Professional 2019
  - Microsoft Office Professional 2019

## Limited warranty

- **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

## Environment

- **Environment**: ENERGY STAR® 8.0; GREENGUARD; ErP lot3; RoHS-compliant

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