# Lenovo Legion Y520-15IKBN Platform Specifications

## Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th># of Threads</th>
<th>Base Frequency</th>
<th>Max Frequency</th>
<th>Cache</th>
<th>Memory Type</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i5-7300HQ</td>
<td>4</td>
<td>4</td>
<td>2.5 GHz</td>
<td>3.5 GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel HD Graphics 630</td>
</tr>
<tr>
<td>i7-7700HQ</td>
<td>4</td>
<td>8</td>
<td>2.8 GHz</td>
<td>3.8 GHz</td>
<td>6MB</td>
<td>DDR4-2400</td>
<td>Intel HD Graphics 630</td>
</tr>
</tbody>
</table>

## Graphics

- Intel HD Graphics 630 in processor and NVIDIA® GeForce® GTX 1050Ti, PCI Express 3.0, 4GB GDDR5, supports external digital display
- Max resolution: 3840x2160@30Hz (HDMI)

## Chipset

- Intel HM175 chipset
- 32GB max / DDR4 2400MHz, two 260-pin SO-DIMM sockets

## Display

- 15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio
- None

## Storage (opt)

- HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s support
- M.2 SSD / PCIe 3.0 x 4
- None

## Ethernet

- Gigabit Ethernet connection

## WLAN

- Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

## Bluetooth™

- Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

## Dimensions

- WxDxH: 14.96" x 10.43" x 1.01" (380mm x 265mm x 25.8mm)
- Weight: 2.4kg (5.3lb)

## Security

- Power-on password, hard disk password, administrator password, Kensington mini security keyhole
- None

## Battery type

- Some: integrated Li-Polymer 3-cell (45Wh)
- Some: integrated Li-Polymer P1 3-cell (45Wh)

## Battery life

- Up to 4hrs

## AC adapter

- 135-watt AC adapter

## Preload

- Windows® 10 Home 64
- Preloaded applications (only some listed)
  - Lenovo™ Companion
  - Lenovo Nerve Sense
  - Lenovo OneKey™ Recovery
  - Lenovo ID

## Limited warranty

- 1-year depot repair service / service upgrades available

## Environment

- EPEAT® Silver; ENERGY STAR® 6.1; RoHS-compliant