**PERFORMANCE**

**Processor**

**Processor Family**
10th Generation Intel® Core™ i5 / i7 Processor

<table>
<thead>
<tr>
<th>Processor Name</th>
<th>Cores</th>
<th>Threads</th>
<th>Base Frequency</th>
<th>Max Frequency</th>
<th>Cache</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core i5-10300H</td>
<td>4</td>
<td>8</td>
<td>2.5GHz</td>
<td>4.5GHz</td>
<td>8MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
<tr>
<td>Core i7-10750H</td>
<td>6</td>
<td>12</td>
<td>2.6GHz</td>
<td>5.0GHz</td>
<td>12MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics</td>
</tr>
</tbody>
</table>

**Operating System**
- Windows® 10 Home 64
- Windows 10 Pro 64
- FreeDOS
- No operating system

**Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVIDIA® GeForce® GTX 1650</td>
<td>Discrete</td>
<td>4GB GDDR6</td>
<td>DirectX® 12</td>
</tr>
<tr>
<td>NVIDIA GeForce GTX 1650 Ti</td>
<td>Discrete</td>
<td>4GB GDDR6</td>
<td>DirectX 12</td>
</tr>
</tbody>
</table>

**Monitor Support**

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 4096x2160@60Hz)

**Chipset**

Intel HM470 chipset

**Memory**

**Memory Type**
DDR4-2933

**Memory Slots**
Two DDR4 SO-DIMM slots, dual-channel capable

**Max Memory**
Up to 16GB DDR4-2933 offering

**Notes:**
- The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

**Storage**

**Storage Support**
Up to two drives, 1x 2.5” HDD + 1x M.2 2242 SSD or 1x 2.5” HDD + 1x M.2 2280 SSD
- 2.5” HDD up to 1TB
- M.2 2280 SSD up to 1TB
- M.2 2242 SSD up to 512GB

**Storage Type**

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>RPM</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5” SATA HDD</td>
<td>SATA 6Gb/s</td>
<td>5.4K</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe, PCIe 3.0 x4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Removable Storage**
Optical
None

Card Reader
No card reader

Multi-Media

Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone
Dual array microphone

Camera
720p, with privacy shutter, fixed focus

Battery

Battery
Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life
MobileMark® 2014: 9.7 hr

Notes:
- All battery life claims are approximate maximum and based on results using the MobileMark 2014 and/or MobileMark 2018 battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter
135W slim tip AC adapter

DESIGN

Display

![Table of display specifications](image)

Notes:
- California Electronic Waste Recycling Fee
  - In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to [https://www.calrecycle.ca.gov/Electronics/Consumer](https://www.calrecycle.ca.gov/Electronics/Consumer)

Touchscreen
Non-touch

Input Device

Keyboard
6-row, multimedia Fn keys, numeric keypad

Keyboard Backlight
Blue LED backlight
**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

**Mechanical**

**Dimensions (Wx Dx H)**
359 x 249.6 x 24.9 mm (14.13 x 9.83 x 0.98 inches)

**Weight**
2.2 kg (4.8 lbs)

**Case Color**
- Chameleon blue
- Onyx black

**Surface Treatment**
IMR

**Case Material**
PC + ABS (top), PC + ABS (bottom)

**CONNECTIVITY**

**Network**

WLAN + Bluetooth™
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

**Ports**

**Standard Ports**
- 2x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1
- 1x HDMI 2.0
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)
- 1x power connector

**Notes:**
- Depending on many factors, actual data transfer speed may be lower than theoretical speed

**SECURITY & PRIVACY**

**Security**

**Physical Locks**
No physical locks

**Fingerprint Reader**
No fingerprint reader

**BIOS Security**
- Power-on password
- Supervisor password
- Hard disk password

**Other Security**
Camera privacy shutter

**SERVICE**

**Warranty**

Base Warranty
• 1-year depot service
• 1-year depot with 2-year system board service
• 2-year (1-yr battery) depot service

ACCESSORIES

Bundled Accessories
• Lenovo Gaming M100 RGB Mouse (USB connector)
• None

CERTIFICATIONS

Green Certifications
• ENERGY STAR® 8.0
• ErP Lot 3
• GREENGUARD®
• RoHS compliant