PERFORMANCE

Processor

Processor Family
10th Generation Intel® Core™ i3 / 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 i3-10100</td>
<td>4</td>
<td>8</td>
<td>3.6GHz</td>
<td>4.3GHz</td>
<td>6MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i3-10100T</td>
<td>4</td>
<td>8</td>
<td>3.0GHz</td>
<td>3.8GHz</td>
<td>6MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i5-10400</td>
<td>6</td>
<td>12</td>
<td>2.9GHz</td>
<td>4.3GHz</td>
<td>12MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i5-10400T</td>
<td>6</td>
<td>12</td>
<td>2.0GHz</td>
<td>3.6GHz</td>
<td>12MB</td>
<td>DDR4-2666</td>
<td>Intel UHD Graphics 630</td>
</tr>
<tr>
<td>Core i7-10700T</td>
<td>8</td>
<td>16</td>
<td>2.0GHz</td>
<td>4.5GHz</td>
<td>16MB</td>
<td>DDR4-2933</td>
<td>Intel UHD Graphics 630</td>
</tr>
</tbody>
</table>

Operating System

• Windows® 10 Home 64
• Windows 10 Pro 64
• No operating system

Graphics

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Connector</th>
<th>Max Resolution</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel UHD graphics 630</td>
<td>Integrated</td>
<td>Shared</td>
<td>1x HDMI®, 1x DP 1.2</td>
<td>3840x2160@30Hz(HDMI), 3840x2160@60Hz(DP)</td>
<td>DirectX® 12</td>
</tr>
</tbody>
</table>

Notes:
- Integrated graphics information and onboard video ports information are not applicable for all models without integrated graphics (for the details, please refer to processor section)

Monitor Support

Supports up to 2 independent displays via onboard ports (VGA + HDMI)

Chipset

Intel H470 chipset

Memory

Memory Type
- DDR4-2666
- DDR4-2933

Notes:
- Installed memory is actually 2666MHz or 2933MHz, but may run at 2666MHz or 2933MHz depending on the memory support capability of processor

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Protection

Non-ECC

Max Memory

Up to 32GB DDR4-3200

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 2 drives, 1x 2.5” HDD + 1x M.2 SSD
• 2.5” HDD up to 2TB
• M.2 SSD up to 1TB
• Optional Intel Optane™ Memory

RAID
Not support

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>Intel Optane Memory</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2280 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.2 2242 SSD</td>
<td>PCIe NVMe</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Removable Storage
Optical
Not Support
Card Reader
Not Support

Multi-Media
Audio Chip
High Definition (HD) Audio, Realtek® ALC233VB codec
Speakers
Not Support

Power Supply

<table>
<thead>
<tr>
<th>Power</th>
<th>Type</th>
<th>Efficiency</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>90W</td>
<td>Adapter</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>130W</td>
<td>Adapter</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

DESIGN

Input Device
Keyboard
Not Support
Mouse
Not Support

Mechanical
Form Factor
Tiny (1L)
Dimensions (WxDxH)
194 x 182.4 x 40 mm (7.64 x 7.18 x 1.57 inches)
Weight
1.478 kg (3.258 lbs)
Case Color
• Mineral grey
• Terrazzo grey
Bays
1x 2.5” disk bay
Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Cooling System (Fan&Cooler)
Not Support

CONNECTIVITY

Network
Onboard Ethernet
Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™
• 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
• 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
• 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

Ports
Front Ports
• 1x USB 3.2 Gen 1
• 1x USB-C 3.2 Gen 1
• 1x headphone / microphone combo jack (3.5mm)

Notes:
• The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the
  host device, file attributes and other factors related to system configuration and your operating environment, will be
  slower than theoretical speed.
  USB 2.0: 480 Mbit/s;
  USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
  USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
  USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
  Thunderbolt™ 3: 40 Gbit/s;
  FireWire 400: 400 Mbit/s;
  FireWire 800: 800 Mbit/s;

Rear Ports
• 4x USB 3.2 Gen 1
• 1x Ethernet (RJ-45)
• 1x HDMI 1.4
• 1x DisplayPort™ 1.2
• 1x power connector

Notes:
• For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security
Physical Locks
Kensington® Security Slot

BIOS Security
• Power-on password
• Administrator password
• Hard disk password

SERVICE

Warranty
Base Warranty
1-year mail-in service
1-year depot service
2-year depot service
OB

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS