OVERVIEW

1. Power button (with fingerprint reader)  
2. Card slot  
3. USB-C 3.2 Gen 2  
4. Volume buttons  
5. Pogo pin connector (4-point)

Notes:  
- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)
PERFORMANCE

Processor

<table>
<thead>
<tr>
<th>Processor Name</th>
<th>Cores</th>
<th>Max Frequency</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualcomm Snapdragon 870</td>
<td>Kryo 585 Octa-core: 1x A77 + 3x A77 + 4x A55</td>
<td><a href="mailto:A77@3.2GHz">A77@3.2GHz</a> / <a href="mailto:A77@2.42GHz">A77@2.42GHz</a> / <a href="mailto:A55@1.8GHz">A55@1.8GHz</a></td>
<td>LPDDR5</td>
<td>Qualcomm Adreno™ 650 GPU</td>
</tr>
</tbody>
</table>

Operating System

Operating System

Android™ 11 or later

Notes:

1. Lenovo® tablets typically receive at least 1 Android OS upgrade cycle. May vary depending on models, countries, regions, retailers or operators. For latest software upgrade information, please visit Android Upgrade Matrix.

Graphics

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualcomm Adreno 650 GPU</td>
<td>Integrated</td>
<td>Shared</td>
<td>DirectX® 12</td>
</tr>
</tbody>
</table>

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via USB-C®)

• USB-C supports up to 3840x2160@60Hz

Chipset

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Max Memory

• 6GB soldered memory, not upgradable
• 8GB soldered memory, not upgradable

Memory Type

LPDDR5

Storage

Storage Support

• 128GB UFS 3.1 on system board
• 256GB UFS 3.1 on system board
• MicroSD card, supports FAT32 file up to 1TB, exFAT file up to 1TB

Storage Type

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Memory</td>
<td>UFS 3.1</td>
<td>128GB / 256GB</td>
</tr>
</tbody>
</table>

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.
Removable Storage

Card Reader
- MicroSD card slot (WLAN model)
- Nano-SIM + microSD card slot (WWAN model)

Multi-Media

Speakers
4 side JBL® (SLS, super linear speaker) speakers with quad audio channels. 1.5W x 4, Qualcomm WCD9385 codec. Deep learning algorithm and Acoustic Echo Cancellation (NS and AEC), Lenovo Premium Audio (LPA) design and tuning, optimized with Dolby® Atmos®

Microphone
Dual array microphone, low-power DSP for far-field voice recognition

Camera
Front 8.0-megapixel RGB, FHD 1080p 30fps, ToF proximity sensor, 90° FoV (field of view), fixed focus, 2D face recognition unlock
Rear 13.0-megapixel RGB, 4K 30fps, 88° FoV, autofocus; 5.0-megapixel RGB, 125° ultra wide-angle FoV, fixed focus; single LED flashlight

VoiceCall
- LTE voice call
- No support

Notes:
1. For LTE voice call models, cellular data plan required. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on cellular support, contact your carrier for details.

Sensor

Vibration Motor
Eccentric Rotating Mass (ERM)

Sensors
- Accelerometer (G) sensor
- Ambient light sensor (ALS)
- e-Compass
- Gyroscope sensor
- Hall sensor
- ToF proximity sensor

Battery

Battery
Integrated Li-Polymer 10000mAh (minimum) / 10200mAh (typical) battery, supports Quick Charge 4.0 (charge up to 80% in 1.5hr)

Max Battery Life
Standby time: 4.7 wks
Online video playback time: 14.6 hr
Talk time: 15 hr (WWAN model)
Browsing time: 10.7 hr
Music playtime: 15 hr

Charging Time
Fully charges in under 3 hr

Notes:
1. All battery life claims are approximate and based on internal testing under optimal laboratory and network conditions. Actual battery performance will vary and depend on numerous factors including product configuration and usage, software, operating conditions, wireless functionality, power management settings, screen brightness and other factors. The maximum capacity of the battery will naturally decrease with time and usage.

Power Adapter
10V/3A (30W) USB-C AC adapter, 100-240V, 50-60Hz

**DESIGN**

**Display**

**Display**

<table>
<thead>
<tr>
<th></th>
<th>WQXGA (2560x1600)</th>
<th>Multi-touch</th>
<th>AMOLED</th>
<th>400 nits (typ.)/ 600 nits (HBM)</th>
<th>Glossy, anti-fingerprint</th>
<th>16:10</th>
<th>10000000:1</th>
<th>107% NTSC</th>
<th>160°</th>
</tr>
</thead>
</table>

**Touchscreen**

Capacitive-type on-cell multi-touch, supports 10-point touch

**Notes:**

1. 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
2. HBM: High Brightness Mode
   Up to 360 Hz sampling rate

**Input Device**

**Pen**

Lenovo Precision Pen 3 with built-in rechargeable battery, 4096 levels of pressure sensitivity. Support Microsoft® Pen Protocol (MPP 2.0), wireless (inductive) charging and BLE (Bluetooth® Low Energy). For more information, please read Lenovo Precision Pen 3 Overview.

**Mechanical**

**Dimensions (WxDxH)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenovo Keyboard Pack</td>
<td>Keyboard: 285.61 x 5 x 184.53 mm (11.24 x 0.19 x 7.26 inches)</td>
</tr>
<tr>
<td></td>
<td>Back cover (stand) with pouch area: 285.61 x 10.06 x 184.53 mm (11.24 x 0.39 x 7.26 inches)</td>
</tr>
<tr>
<td></td>
<td>Back cover (stand) without pouch area: 285.61 x 2.5 x 184.53 mm (11.24 x 0.09 x 7.26 inches)</td>
</tr>
<tr>
<td>Tablet</td>
<td>285.61 x 5.63 x 184.53 mm (11.24 x 0.22 x 7.26 inches)</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenovo Keyboard Pack</td>
<td>Keyboard: starting at 288 g (0.63 lbs)</td>
</tr>
<tr>
<td></td>
<td>Back cover (stand): starting at 152 g (0.33 lbs)</td>
</tr>
<tr>
<td>Tablet</td>
<td>Around 565 g (1.24 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**

Storm grey

**Case Material**

Metal unibody

**Buttons**

- Power button
- Volume buttons

**CONNECTIVITY**
**Network**

WLAN + Bluetooth

Wi-Fi® 6, 802.11ax dual band 2x2 Wi-Fi + Bluetooth 5.2

**WWAN**

- Qualcomm Snapdragon X55 5G Modem-RF System, Sub-6 GHz (SA/NSA)
- No support

**Cellular Bands**

- **GSM:** B2/B3/B5/B8
- **WCDMA:** B1/B2/B5/B6/B19/B8
- **FDD LTE:** B1/B2/B3/B4/B5/B19/B7/B8/B20/B26/B28(a+b)
- **TDD LTE:** B34/B38/B39/B40/B41 full band
- **5G NR:** n1/n3/n7/n8/n20/n28/n38/n41/n77/n78
- Carrier aggregation support:
  - **2CA:** CA_1A-3A, CA_1A-7A, CA_1A-8A, CA_1A-20A, CA_3C, CA_3A-3A, CA_3A-7A, CA_3A-8A, CA_3A-20A, CA_7C, CA_7A-7A, CA_7A-20A

**NFC**

Only for wireless charging and data transfer of the Lenovo Precision Pen 3

**Wi-Fi Direct**

Support (Miraclast®)

**Wi-Fi Display**

Support

**Location Services**

<table>
<thead>
<tr>
<th>Models</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLAN model</td>
<td>No location service</td>
</tr>
<tr>
<td>WWAN model</td>
<td>GPS + GLONASS + A-GPS</td>
</tr>
</tbody>
</table>

**Notes:**

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

**Ports**

**Standard Ports**

- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x Pogo pin connector (4-point)

**Optional Ports**

- 1x Nano-SIM & microSD card slot (WWAN support models)
- 1x microSD card slot (WLAN model)

**Notes:**

1. 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 | 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™ 3/4 | 40 Gbit/s |

**Docking**

Docking
SECURITY & PRIVACY

Security
Fingerprint Reader
Touch style fingerprint reader on power button

SERVICE

Warranty
Base Warranty**(1)
• 1-year carry-in service
• 1-year mail-in service
• 1-year depot service
• 2-year (1-yr battery) carry-in service
• 2-year (1-yr battery) mail-in service
• 2-year (1-yr battery) depot service
• 2-year (2-yr battery) carry-in service
• 2-year (2-yr battery) depot or carry-in service
• 3-year (1-yr battery) depot service

Notes:
1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

ENVIRONMENTAL

Operating Environment
Temperature
Operating: 0°C (32°F) to 40°C (104°F)
Humidity
Maximum humidity: 95%, 39°C (102.2°F)
Altitude
Maximum altitude (without pressurization): 3048 m (10,000 ft)

SOFTWARE

Preinstalled Software
Preinstalled Software(1)
• Google One
• Office
• Recorder
• Google Photos
• YouTube Music
• Google Play
• Google Play Books
• Google Play Games
• Instant Memo
• Yandex (RU only)
• YouTube
• Gmail
• Google Assistant
• Google Calendar
• Google Chrome
• Contacts
• Google Drive
CERTIFICATIONS

Green Certifications

- (Optional) ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

TÜV Rheinland® Full Care Display Certification

• Feature with ** means that only one offering listed under the feature is configured on selected models.

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