## 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

Processor Family
Qualcomm® Snapdragon™ 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:</td>
<td><a href="mailto:A77@3.2GHz">A77@3.2GHz</a> / <a href="mailto:A77@2.42GHz">A77@2.42GHz</a> /</td>
<td>LPDD5</td>
<td>Qualcomm Adreno™ 650 GPU</td>
</tr>
<tr>
<td>(SM8250-AC)</td>
<td>1x A77 + 3x A77 + 4x A55</td>
<td><a href="mailto:A55@1.8GHz">A55@1.8GHz</a></td>
<td></td>
<td></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 systemboard
• 256GB UFS 3.1 on systemboard
• 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>

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, 1080p 30fps, ToF proximity sensor, 90° FoV (field of view), fixed focus, 2D face recognition unlock
Rear 13.0-megapixel RGB, 4K 30fps, wide-angle 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**
Less than 3 hr to fully charged

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

**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

**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>Tablet</td>
<td>285.61 x 5.63 x 184.53 mm (11.24 x 0.22 x 7.26 inches)</td>
</tr>
<tr>
<td>Tablet with keyboard pack</td>
<td>Tablet: 285.61 x 5.63 x 184.53 mm (11.24 x 0.22 x 7.26 inches)</td>
</tr>
<tr>
<td></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>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablet</td>
<td>Around 565 g (1.24 lbs)</td>
</tr>
<tr>
<td>Tablet with keyboard pack</td>
<td>Tablet: around 565 g (1.24 lbs)</td>
</tr>
<tr>
<td></td>
<td>Keyboard: around 288 g (0.63 lbs)</td>
</tr>
<tr>
<td></td>
<td>Back cover (stand): around 152 g (0.33 lbs)</td>
</tr>
<tr>
<td></td>
<td>Tablet with keyboard pack: around 1005 g (2.21 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
- 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
- TDD LTE: B34/B38/B39/B40/B41 full band
- 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
  - 3CA:

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

Wi-Fi Direct
- Support (Miracast™)

Wi-Fi Display
- Support

FM Radio
- No 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>

Ports[i]

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 model)
- 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 / 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

SECURITY & PRIVACY

Security

Fingerprint Reader
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)

ACCESSORIES

Bundled Accessories

Bundled Accessories
- Lenovo Keyboard Pack (keyboard + stand cover)
- None

SOFTWARE

Preinstalled Software

Preinstalled Software*[2]
- 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
Notes:
1. Actual application availability varies by country/region.

CERTIFICATIONS

Green Certifications

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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