OVERVIEW

1. Power button (with fingerprint reader)	5. Microphones
2. Speaker	6. USB-C (Hi-Speed USB), with charging
3. microSD card slot	7. Pogo pin connector (3-point)
4. Volume buttons	

Notes:
- 3-point pogo pin connector is used to connect Lenovo Keyboard Pack for Tab P12. Keyboard pack availability varies by country/region.

PERFORMANCE

Processor

Processor

Processor Name	Cores	Max Frequency	Processor Graphics
MediaTek Dimensity 7050	Octa-core 2x A78 + 6x A55	A78@2.6 GHz A55@2.0 GHz	Arm Mali-G68

Operating System

Operating System[1]

Android™ 13 or later

Notes:

[1] For latest operating system and security patches deliver plan, please visit
https://support.lenovo.com/solutions/ht501098.

Graphics

Graphics

Arm Mali-G68

Memory

Max Memory

8GB soldered memory, not upgradable

Memory Type

LPDDR4x

Storage

Storage Support

- 128GB uMCP (UFS-Based MCP, UFS 2.2)
- microSD card, supports up to 1TB (exFAT)

Removable Storage

Card Reader

microSD card slot

Multi-Media

Speakers

Quad JBL® speakers, sound by JBL®, optimized with Dolby Atmos®

Microphone

Dual-microphone array

Camera

Front 13.0MP, f/2.2, 122° FoV (field of view) fixed focus, video recording 4K@30fps, 1080p@30fps, 720@30fps, face unlock
Rear 8.0MP, f/2.2, 86.2° FoV, autofocus, video recording 1080p@30fps, 720@30fps; single LED flashlight

VoiceCall

No support

Sensor

Vibration Motor

No support

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor
- RGB sensor
- e-Compass

Battery

Battery

Integrated Li-Polymer 10200mAh (typical) battery

Max Battery Life[1]

Video playback: 9 hr
Web browsing: 9 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 depending 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/2A (20W) AC adapter, 100-240V, 50-60Hz

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
12.7"	3K (2944x1840)	Multi-touch	LTPS	400nits	Paper-like Anti-glare	16:10	1500:1	96% DCI-P3	60Hz	85° / 85° / 85° / 85°	273 PPI, Corning® Gorilla® Glass 3

Touchscreen

In-cell multi-touch, supports 10-point touch

Input Device

Pen

- Lenovo® Tab Pen Plus, 4096 levels of pressure sensitivity, tilt detection, palm rejection
- No pen (purchase separately)[1]

Notes:

[1] For details upon pen compatibility, please check the file "Lenovo® Android™ Tablet - Option Compatibility Matrix" from https://support.lenovo.com/solutions/accs-guide. Pen availability may vary by country / region.

Mechanical

Dimensions (WxDxH)[1]

293.37 x 190.76 x 6.9 mm with camera bump 8.42 mm (11.55 x 7.51 x 0.27 - 0.33 inches)

Weight[2]

Around 615 g (1.36 lbs)

Case Color

Sage, dual-tone design

Case Material

Metal

Buttons

- Power button
- Volume buttons

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

WLAN + Bluetooth®

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1

WWAN

No support

Cellular Bands

No support

Wi-Fi® Direct

Support

Wi-Fi® Display

Support

Location Services

GPS + GLONASS + Galileo

Ports[1]

Standard Ports

- 1x USB-C® (Hi-Speed USB / USB 2.0), with charging
- 1x microSD card slot
- 1x Pogo pin connector (3-point)[2]

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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.

[2] 3-point pogo pin connector is used to connect Lenovo® Keyboard Pack for Tab P12. Keyboard pack availability varies by country/region.

SECURITY & PRIVACY

Security

Fingerprint Reader

Touch style fingerprint reader integrated in power button

SERVICE

Warranty

Base Warranty**[1]

- 1-year carry-in service
- 1-year courier service
- 2-year (1-yr battery) carry-in service
- 2-year (2-yr battery) carry-in service
- 2-year (1-yr battery) courier service

- 3-year (1-yr battery) courier service

Notes:

[1] For warranty upgrade service, please go to https://smartfind.lenovo.com/services. To learn more details of warranty policy, please access https://support.lenovo.com/warrantylookup/warrantypolicy.

ACCESSORIES

Bundled Accessories

Bundled Accessories

- Lenovo® Tab Pen Plus
- None

OPERATING REQUIREMENTS

Operating Environment

Temperature

Operating: 0°C (32°F) to 40°C (104°F)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 6/26
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

Other Certifications

Other Certifications

- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Full Care Display 3.0 Certification
- TÜV Rheinland® Youth Care
- TÜV Rheinland® Paper Like Display

SOFTWARE

Preinstalled Software

Preinstalled Software[1][2]

- Chrome
- Drive
- Entertainment Space
- Files
- Gallery Go by Google Photos
- Gmail
- Google
- Google Docs
- Google Duo
- Google Lens™
- Google One
- Google Play
- Google Podcasts
- Google Sheets
- Google TV

- Kids Space
- Lenovo® Freestyle
- Lenovo® Vantage
- Maps
- Messages
- MyScript® Calculator
- Nebo®
- Recorder
- WPS Office
- YouTube
- YouTube Kids
- YouTube Music

Notes:

[1] Actual application availability varies by country/region.

[2] Books and video content not available in all regions. Video content subject to availability of YouTube Kids app. Books content requires the Play Books app. Availability of apps, books, and video content may change without notice. Google Assistant not available in Google Kids Space. Google Kids Space requires a Google Account for your child. Parental controls require the Family Link app on a supported Android™, Chromebook, or iOS device.

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.

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