

OVERVIEW



1. Card slot	3. Headphone / microphone combo jack (3.5mm)
2. USB-C 2.0	4. Micro-USB 2.0

Notes:

- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)
- Micro-USB 2.0 is for HD and FHD (REL) models
- USB-C 2.0 is only for FHD models

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon™ Processor

Processor**

Processor Name	Cores	Max Frequency	Memory Support	Processor Graphics
Qualcomm Snapdragon 429	ARM Cortex A53 Quad-core	A53@2.0GHz	LPDDR3	Qualcomm Adreno™ 504 GPU
Qualcomm Snapdragon 450	ARM Cortex A53 Octa-core	A53@1.8GHz	LPDDR3	Qualcomm Adreno 506 GPU

Operating System

Operating System^{[1][2]}

Android™

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](#).
2. Android Oreo, upgradable to Android Pie after June.28, 2019 via OTA;
Android Pie, preloaded on models launched after July.1st, 2019

Graphics

Graphics**

Graphics	Type	Memory
Qualcomm Adreno 504 GPU	Integrated	Shared
Qualcomm Adreno 506 GPU	Integrated	Shared

Chipset

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Max Memory

- 2GB soldered memory, not upgradable
- 3GB soldered memory, not upgradable
- 4GB soldered memory, not upgradable

Memory Type

LPDDR3

Storage

Storage Support^[1]

- 16GB eMMC on systemboard
- 32GB eMMC on systemboard
- 64GB eMMC on systemboard
- microSD card, supports FAT32 up to 256GB, exFAT up to 1TB

Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC	16GB / 32GB / 64GB

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 models)
- Nano-SIM + microSD card slot (WWAN models)

Multi-Media

Speakers

2 front speakers, optimized with Dolby® Atmos®

Microphone

Single microphone

Camera**^[1]

- Front 2.0MP, fixed focus, rear 5.0MP, autofocus
- Front 5.0MP, fixed focus, rear 8.0MP, autofocus

VoiceCall^[2]

- No support
- Voice call

Notes:

1. Front 2.0MP / Rear 5.0MP: Lenovo TB-X505F, TB-X505L, TB-X505X, TB-X605F, TB-X605L, TB-X605M
Front 5.0MP / Rear 8.0MP: Lenovo TB-X605FC, TB-X605LC
2. Voice call function is subject to local network, data and messaging services.

Sensor

Vibration Motor

Eccentric Rotating Mass (ERM)

Sensors^[1]

- Accelerometer (G) sensor
- Hall sensor

Notes:

1. Hall sensor (Tab M10 HD Only)

Battery

Battery**

- Integrated Li-Polymer 4850mAh battery
- Integrated Li-Polymer 7000mAh battery

Max Battery Life^[1]

Standby: 3 wks

Online video playback: 9 hr

Browsing: 7 hr

Charging Time^[2]

Over 3.5 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.
2. Charging data claim is appropriate and based on internal testing under optimal laboratory. Actual result may vary owing to differences in product configuration, usage, software, operating conditions and other factors.

Power Adapter

Power Adapter**^[1]

- 5V/2A (10W) AC adapter, 100-240V, 50-60Hz
- 5.2V/2A (10.4W) AC adapter, 100-240V, 50-60Hz

Notes:

1. 5.2V/2A (TB-X605FC / TB-X605LC)

DESIGN

Display

Display**[1]

Size	Resolution	Touch	Type	Brightness	Surface	Color Gamut
10.1"	HD (1280x800)	Multi-touch	IPS	300 nits	Glossy	70% NTSC
10.1"	FHD (1920x1200)	Multi-touch	IPS	320 nits	Glossy	70% NTSC
10.1"	FHD (1920x1200)	Multi-touch	IPS	400 nits	Glossy	70% NTSC

Touchscreen

Capacitive-type 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>

Input Device

Pen

No support

Mechanical

Dimensions (WxDxH)

Models	Dimensions
FHD models	242 x 168 x 8.1 mm (9.53 x 6.61 x 0.32 inches)
HD models	243.2 x 169.2 x 8.45 mm (9.57 x 6.66 x 0.33 inches)

Weight

Models	Weight
FHD / HD models	Around 480 g (1.06 lbs)

Case Color**

- Polar white
- Slate black

Case Material

PC-ABS for back cover

Buttons

- Power button
- Volume button

CONNECTIVITY

Network

WLAN + Bluetooth®

802.11a/b/g/n/ac dual band 1x1 Wi-Fi® + Bluetooth 4.2

WWAN

- 4G LTE
- No support

Cellular Bands

UMTS: B1/B2/B5/B8

FDD-LTE: B1/B3/B5/B7/B8/B19/B20/B26

TDD-LTE: B38/B39/B40/B41

Carrier aggregation support:

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

Wi-Fi Direct

Support

Wi-Fi Display

Support

FM Radio

FM Radio

Location Services**

Models	Location
WLAN models	GPS + GLONASS
WWAN models	GPS + GLONASS + A-GPS

Ports^[1]

Standard Ports

- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pogo pin connector (2-point)

Optional Ports***

- 1x Nano-SIM & microSD card slot (WWAN models)
- 1x microSD card slot (WLAN models)
- 1x Micro-USB (support data transfer and Power Delivery)
- 1x USB-C® 2.0 (support data transfer and Power Delivery)

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™ 3/4: 40 Gbit/s

SERVICE

Warranty^[1]

Base Warranty**

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

Notes:

1. The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details 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

- Folio case and SD card
- None

SOFTWARE

Preinstalled Software

Preinstalled Software^[1]

- Skype
- Microsoft® Outlook
- Netflix
- Google Photos
- YouTube Music
- Google Sheets
- Google Slides
- Gmail
- Google Calendar
- Google Chrome
- Google Docs
- Files by Google

Notes:

1. Actual application availability varies by country/region.

CERTIFICATIONS

Green Certifications

Green Certifications^[1]

- CB Certification
- ENERGY STAR® 8.0
- RoHS compliant

Notes:

1. ENERGY STAR 8.0 (TB-X605F, TB-X605FC, TB-X605L, TB-X605LC)
CB Certification (TB-X605F, TB-X605L)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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