

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^[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. Please contact Lenovo support for more details
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	Key Features
Qualcomm Adreno 504 GPU	Integrated	Shared	-
Qualcomm Adreno 506 GPU	Integrated	Shared	-

Chipset

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Memory Type

LPDDR3

Storage

Storage Support

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

Storage Type

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

Removable Storage

Card Reader

- microSD card slot (WLAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)
- Nano-SIM + microSD card slot (WWAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)

Multi-Media

Speakers

Tab M10

2 front speakers, optimized with Dolby® Atmos®

Microphone

Single microphone

Camera^[1]

- Front 2.0-megapixel RGB, fixed focus, rear 5.0-megapixel RGB, autofocus
- Front 5.0-megapixel RGB, fixed focus, rear 8.0-megapixel RGB, autofocus

VoiceCall

- LTE voice call
- No support

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

Sensor

Vibration Motor

Eccentric Rotating Mass (ERM)

Sensors^[1]

- Accelerometer (G) sensor
- Hall sensor

Notes:

1. Hall sensor (Tab M10 HD Only)

Battery

Battery^[1]

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

Max Battery Life^[2]

Standby time: 3 wks

Online video playback time: 9 hr

Browsing time: 7 hr

Charging Time

Over 3.5 hr to fully charged

Notes:

1. Integrated Li-ion 7000mAh (TB-X605FC / TB-X605LC)
2. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, and/or JEITA 2.0 battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

Power Adapter^[1]

- 5V/2A (10W) AC adapter
- 5.2V/2A (10.4W) AC adapter

Notes:

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

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features

10.1"	HD (1280x800)	Multi-touch	IPS	300 nits	Glossy	-	-	70% NTSC	-	-
10.1"	FHD (1920x1200)	Multi-touch	IPS	400 nits	Glossy	-	-	70% NTSC	-	-
10.1"	FHD (1920x1200)	Multi-touch	IPS	320 nits	Glossy	-	-	70% NTSC	-	-

Touchscreen

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

Notes:

- 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

480 g (1.06 lbs)

Case Color

- Polar white
- Slate black

Case Material

PC + ABS for back cover

Buttons

- Volume button
- Power button

CONNECTIVITY

Network

WLAN + Bluetooth®

802.11ac 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 (Miracast®)

Wi-Fi Display

Support

FM Radio

FM Radio

Location Services

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

Ports^[1]

Standard Ports^[2]

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

Optional Ports

- 1x Nano-SIM & microSD card slot (WWAN model)
- 1x Micro-USB (support data transfer and Power Delivery)
- 1x USB-C 2.0 (support data transfer and Power Delivery)
- 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
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

SERVICE

Warranty

Base Warranty

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

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

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

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)

