

**Lenovo**<sup>™</sup>

# Legion Phone Duel 2

## Quick Start Guide

Lenovo L70081

 Read this guide carefully before using your smartphone.

# Reading before using your smartphone

## Reading first - regulatory information

Be sure to read the *Regulatory Notice* for your country or region before using the wireless devices contained in your Lenovo Mobile Phone.

To obtain a PDF version of the *Regulatory Notice*, go to [lenovomobilesupport.lenovo.com](http://lenovomobilesupport.lenovo.com). Some regulatory information is also available in **Settings > My phone > Legal information** on your smartphone. Your mobile device may use an electronic label that provides some regulatory information about the device. To see the electronic label, tap **Settings > My phone > Regulatory information**.

## Getting support

To get support on network service and billing, contact your wireless network operator. To learn how to use your smartphone and view its technical specifications, go to [lenovomobilesupport.lenovo.com](http://lenovomobilesupport.lenovo.com).

## Accessing your *User Guide*

Your *User Guide* contains detailed information about your smartphone. To access your *User Guide*, go to [lenovomobilesupport.lenovo.com](http://lenovomobilesupport.lenovo.com) and follow the instructions on the screen.

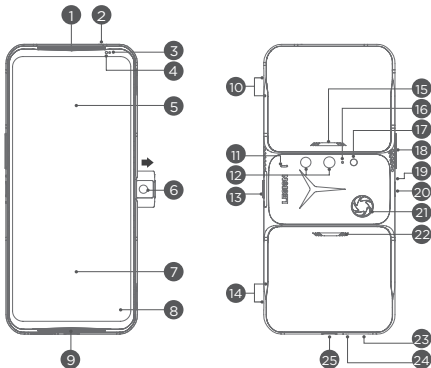
## Legal notices

Lenovo and the Lenovo logo are trademarks of Lenovo in the United States, other countries, or both.


Other company, product, or service names may be trademarks or service marks of others.

For additional legal notices, refer to the *User Guide* for your phone. See “Accessing your *User Guide*” for additional information.

# Device overview

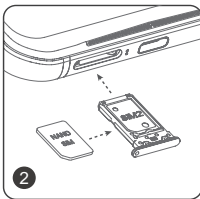
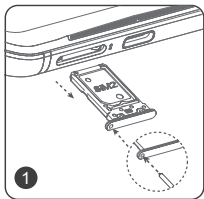


- |                     |                       |                     |                      |
|---------------------|-----------------------|---------------------|----------------------|
| 1 Receiver/ Speaker | 2 Anti-noise mic      | 3 Light sensor      | 4 Proximity sensor   |
| 5 Y-Trigger L3      | 6 Front-facing camera | 7 Y-Trigger R3      | 8 Touch screen       |
| 9 Speaker           | 10 Y-Triggers L1/L2   | 11 Turbo fan 2      | 12 Rear cameras      |
| 13 Power button     | 14 Y-Triggers R1/R2   | 15 Y-Trigger M1     | 16 19 Anti-noise mic |
| 17 Flash            | 18 Volume buttons     | 20 USB-C1 connector | 21 Turbo fan 1       |
| 22 Y-Trigger M2     | 23 Card tray          | 24 Mic              | 25 USB-C2 connector  |

-  All pictures and illustrations in this document are for your reference only and may differ from the final product. Only USB-C1 connector can support the screen projection with the USB cable.

## Installing cards

Install the cards as shown.

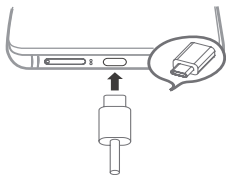


- Power off the device before inserting or removing a card.
- When two SIM cards are inserted, both SIM card slots support 5G/4G/3G/2G service. But you can enable only one Nano-SIM card for 5G data connection at a time. SIM1 card slot is default for 5G data.

## Charging your phone

Charge your phone as shown. Also you can use USB-C1 connector to charge your phone.

For quick charging of the phone, you can plug two charging cables into USB-C1 and USB-C2 connectors simultaneously.



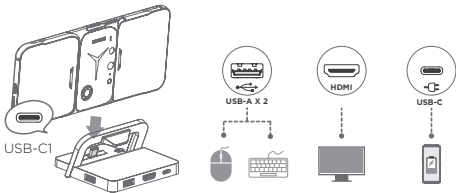
## Powering on and off

- **Normal operation:** Press and hold the Power button, then follow the prompts to get started.
- **Force restart:** In the power-on state, press and hold the Power button for about 12 seconds to force restart the phone.



## \* Dock

Use the Dock to connect your phone to external devices such as projectors, TVs, mouse and keyboard.



- In addition to the phone, Dock, and external display, you will also need a HDMI cable.
- The two USB-A ports are standard USB 2.0 ports, and only support USB 2.0 devices such as mouse and keyboard.

\* Applies to the product with specific configuration.

# Important safety and handling information

## Operating temperature

Ideal operating temperatures are 0 °C to 35 °C. Ideal storage temperatures are -20 °C to +45 °C. Extreme heat or cold may damage your device or accessories.

## Plastic bag notice

**Danger:** Plastic bags can be dangerous. Keep plastic bags away from babies and children to avoid danger of suffocation.

## Battery safety

Before assembling, charging or using your mobile device for the first time, please read the important safety and handling information provided with your product.

If your mobile device becomes unresponsive, press and hold the Power button until the screen goes dark and your device restarts.

For your safety, the battery in your mobile device should only be removed by a Lenovo approved service center or independent qualified professional.

### **Warning:**

- Don't try to remove or replace the battery yourself—doing so may damage the battery and could cause burning and injury.
- Don't crush, bend, or expose your mobile device to heat or liquid. This may damage the battery and could cause burning and injury.
- Don't try to dry your mobile device using a microwave oven, conventional oven, or dryer.

## Battery charging

Charge your mobile device using a compatible Lenovo charger or a high-power USB port on a PC.

- Don't charge the mobile device in an environment with extremely high or low temperature.
- Only use Lenovo approved batteries, which contain safety circuitry and are designed to give the best performance in your mobile device.
- Don't use a damaged charger or charger cable to charge your device.

- Don't use tools, sharp objects, or excessive force to clean the USB port, as this may damage your mobile device.
- Don't try to charge your mobile device when it's wet.

Other brand class 2 Limited Power Source USB chargers that comply with USB 1.1, 2.0, 3.0, or greater, and comply with EN301489-34, IEC/EN60950-1 or equivalent can be used. Chargers that do not comply with these standards may be unsafe and may cause slow charging, product damage, or reduced phone performance.

## Warning about high volume usage

To prevent possible hearing damage, do not listen at high volume levels for long periods. Ensure your player at low volume levels or power off before you leaving.

Fully understand user manual before use.



## Disposing according to local laws and regulations

When the Lenovo Phone reaches the end of its useful life, do not crush, incinerate, immerse in water, or dispose of the Lenovo Phone in any manner contrary to local laws and regulations. Some internal parts contain substances that can explode, leak, or have an adverse environmental effect if disposed of incorrectly. See "Recycling and environmental information" for additional information.

## User privacy

When this product is turned on for the first time (and is connected to the internet), the international mobile station equipment identity (IMEI) number or serial number (SN) of this product together with the information about the country and city where this product is first activated will be registered with Lenovo; this will be a one-time registration. Confirming the mobile phone/tablet's activation will facilitate after-sales service to you by verifying the product's authenticity. For the registration, the data transmitted is less than 1KB.

## Eye Protection and Safety Information

While concentrating on the performance capabilities of its screens, Lenovo also places importance on user's eye health.

To turn on the Eye Protection mode, swipe up from the home screen and tap **Settings > Display & brightness > Night Light**.

To minimize eyestrain, you can adjust your habits of screen use to let your eyes relax and recover. Here are some ways that you can do this:

Recommended viewing distance - The recommended viewing distance between the eye and the display screen is 40-50cm.

Break times - Take some time away from the screen, especially if you are using for long periods of time. Generally, taking short breaks (say for 10 mins) after half an hour of continuous use is recommended.

Looking at distant objects - Rest your eyes periodically by focusing on objects that are far away.

Eye exercises - Specific exercises can reduce eye strain and keep your eyes healthy.



## Service and support information

The following information describes the technical support that is available for your product, during the warranty period or throughout the life of your product. Contact your Lenovo reseller for a full explanation of warranty terms.

### Lenovo Limited Warranty (LLW) notice

**Important:** Lenovo Smartphone Products do not have International Warranty Services.

### Warranty period for your product

Country or region	Warranty period (months) Handset/Charger/Earphone/ USB Cable/Non-Removable Battery/Removable Battery
India, United Arab Emirates, Oman, Qatar, Kuwait, Bahrain, Kenya, Egypt, Lebanon, Jordan, Morocco, Angola, Mauritius, Ghana, Uganda, Tanzania, Botswana, Zimbabwe, Namibia, Nigeria, Ethiopia, Zambia, Tunisia, Mozambique, Algeria, Pakistan, Bangladesh	12/6/6/6/6/12/6
Russia, Ukraine	12/12/3/12/12/6
Chile, Colombia, Mexico, Brazil, Peru, Argentina, Paraguay, Honduras, El Salvador, Ecuador, Uruguay, Costa Rica, Guatemala, Nicaragua, Puerto Rico, Canada, United States, Indonesia, Vietnam	12/12/12/12/12/12
Cambodia, Macau, Japan, Australia, New Zealand	12/12/12/12/12/6

Country or region	Warranty period (months) Handset/Charger/Earphone/ USB Cable/Non-Removable Battery/Removable Battery
Saudi Arabia	24/6/6/6/24/6
South Africa, Turkey, Portugal, France, Spain	24/24/24/24/24/24
United Kingdom, Ireland	24/12/12/12/12/12
Romania, Hungary, Bulgaria, Greece, Slovakia, Slovenia, Serbia, Croatia, Cyprus, Czech Republic	24/24/24/24/24/12
Austria, Poland, Netherlands, Belgium, Norway, Denmark, Sweden, Finland, Italy, Germany, Lithuania, Estonia, Latvia, Switzerland	24/12/12/12/24/12
Montenegro, Albania, Macedonia, Bosnia and Herzegovina	24/12/6/12/12/6
Singapore, Hong Kong, Malaysia, Thailand, Taiwan, Myanmar, Philippines	12/6/3/6/12/6

 For the warranty details, contact your Lenovo approved Service Providers.

# Recycling and environmental information

## General recycling statement

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed.

Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to <http://www.lenovo.com/recycling>.

## Important battery and WEEE information



Batteries and electrical and electronic equipment marked with the symbol of a crossed-out wheeled bin may not be disposed as unsorted municipal waste. Batteries and waste of electrical and electronic equipment (WEEE) shall be treated separately using the collection framework available to customers for the return, recycling, and treatment of batteries and WEEE. When possible, remove and isolate batteries from WEEE prior to placing WEEE in the waste collection stream. Batteries are to be collected separately using the framework available for the return, recycling, and treatment of batteries and accumulators. Country-specific information is available at: <http://www.lenovo.com/recycling>

## Recycling information for India

Recycling and disposal information for India is available at:

[https://www3.lenovo.com/us/en/social\\_responsibility/sustainability/ptb\\_india](https://www3.lenovo.com/us/en/social_responsibility/sustainability/ptb_india)

## Battery recycling information for the European



# Restriction of Hazardous Substances Directive (RoHS)

## European Union

Lenovo products sold in the European Union, on or after 3 January 2013 meet the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (“RoHS recast” or “RoHS 2”). For more information about Lenovo progress on RoHS, go to:

[https://www3.lenovo.com/us/en/pdf/41A7733\\_RoHS-REACH\\_Eng\\_Spec.pdf](https://www3.lenovo.com/us/en/pdf/41A7733_RoHS-REACH_Eng_Spec.pdf)

## India

RoHS compliant as per E-Waste (Management & Handling) Rules, 2011.

## Vietnam

Lenovo products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT (“Vietnam RoHS”).

## Ukraine

Цим підтверджуємо, що продукція Леново відповідає вимогам нормативних актів України, які обмежують вміст небезпечних речовин

## Singapore

Lenovo products sold in Singapore, on or after June 1, 2017, meet the requirements of Government Gazette order No. S 263/2016 Restriction of Hazardous Substances in Electrical and Electronic Equipment in Singapore (“SG-RoHS”).

## Turkey

The Lenovo product meets the requirements of the Republic of Turkey Directive on the Restriction of the Use of Certain Hazardous Substances in Waste Electrical and Electronic Equipment (WEEE).

Türkiye AEEE Yönetmeliğine Uygunluk Beyanı

Bu Lenovo ürünü, T.C. Çevre ve Orman Bakanlığı'nın “Atık Elektrikli ve Elektronik Eşya Bazı Zararlı Maddelerin Kullanımının Sınırlanılmasına Dair Yönetmelik (AEEE)” direktierine uygundur.

AEEE Yönetmeliğine Uygundur.

# European Union (EU) / United Kingdom (UK) compliance statement




LENOVO PC HK LIMITED declares that the radio equipment is in compliance with the EU Radio Equipment Directive 2014/53/EU, as well as the UK Radio Equipment Regulations SI 2017 No. 1206.

The full text of the system declarations of conformity are available at: <https://www.lenovo.com/us/en/compliance/eu-doc> for EU and <https://www.lenovo.com/us/en/compliance/uk-doc> for UK.

## Restrictions of Use

This product may be used in the following countries or regions subject to the following restrictions. For products that support Wi-Fi 802.11a/ac (as defined in your product information): Outside the United States, this device is restricted to indoor use when operating in the 5.15 to 5.35 GHz (802.11a) Wi-Fi frequency band.

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI
	FR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	TR	UK	UK (NI)		

## Supported Frequencies and Power

This device is capable of operation on the following frequencies, subject to location and network availability.

Operating Mode	Frequency Bands	Maximum nominal Transmit Power (Conducted) dBm
Bluetooth	2400 - 2483.5	20
WLAN	2400 - 2483.5	20
WLAN	5150 - 5250	23
WLAN	5250 - 5350	20
WLAN	5470 - 5725	20
WLAN	5725 - 5850	14
GPS/Glonass/ Galileo/BDS/ SBAS	1559 - 1610	N/A
GSM	3	30
GSM	8	33
WCDMA	1/5/8	24
LTE	1/3/5/7/8/20/28/34/38/ 40/42/43	23
LTE	41	26
5G NR	1/3/5/7/8/20/28/38/40	23
5G NR	41/77/78	26
NFC	13.56 MHz	-16.44 dBuA/m @ 10 m

 The above information is for EU countries only. Please refer to the actual product for supported frequency bands in other countries.

## Specific Absorption Rate information



This product meets the applicable national or international RF exposure guidance (SAR guideline) when used normally against your head or, when worn or carried, at a distance of 5 mm from the body. The SAR guideline includes a considerable safety margin designed to assure the safety of all persons, regardless of age and health.

### Specific absorption rate (ICNIRP)

YOUR MOBILE DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES. The highest SAR values under the ICNIRP guidelines for your device model are listed below:

Maximum SAR for this model and conditions under which it was recorded.		
Head SAR	GSM / WCDMA / LTE/ 5G NR, Wi-Fi, Bluetooth	1.68 W/kg
Body-worn SAR	GSM / WCDMA / LTE/ 5G NR, Wi-Fi, Bluetooth	1.70 W/kg

## FCC compliance statement

This mobile device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that might cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



## Hearing Aid Compatibility (HAC) regulations

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19- 2011). While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T3 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M3/T3 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility, please go to <http://www.fcc.gov/cgb/dro>.

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