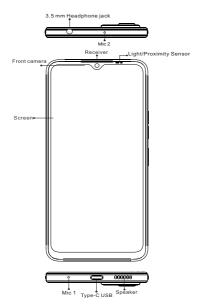


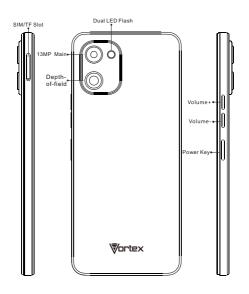
Z22

Thanks for choosing Vortex products

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POWER BUTTON: Long press to turn on the device; When the device is on, short press Power Button to shutdown or turn on the screen.



VOLUME BUTTON: Short press to adjust the volume or to mute incoming calls.

CARD INSERT MANUAL

Insert Nano-SIM Card

Please face the chip side of the Nano-SIM card down when inserting into the slot. Be aware of the direction of the cut edge when placing the Nano-SIM card into the slot.

Reminder:

Please use standard Nano-SIM card. Please don't use a nonstandard card that is pre-cut, in order to prevent the SIM slot and card tray from being damaged and card-rejection situation that may cause damage to the phone.



TF Card Installation

Please place the metal contact of the TF card face down, be aware of the direction of the cut edge. Place the card onto the tray and insert into the device.

Reminder:

Please turn off the phone before changing or replacing the TF card. TF card does not come with the phone, please purchase separately.

Please do not insert and remove sim card tray, when the phone is on. Be careful when using the slot thimble from scratching the phone.

DUAL-SIM MANAGEMENT

Please choose which SIM card slot to be the main one to be for 4G network via Setting > SIM Card. Choose your preferred network types of 4G/3G/2G via Setting>Network&Internet>Mobile network >Preferred network type

Connecting WiFi

Into the setting of WiFi via Settings>Network&Internet>WiFi When WiFi is on, a list available WiFi connection will appear. Click on the one you want to connect to, enter the password if the network is encrypted, then click Connect. When it's a public network, just click Connect When the network shows "connected," it is available to use

Bluetooth Function

Into the setting of Bluetooth function via Settings>Connected devices>Bluetooth Enable the Bluetooth function by clicking the Menu Button then select "Scan", then the phone will search for available Bluetooth devices for pairing and list on the screen. Click on the one you want to pair with, then click "Pair" on the dialog pop-up.Documents are available for transmission after Bluetooth pairins.

Reminder:

Slide down the status bar twice to open the shortcut switches for Bluetooth and other functions.

WiFi and Hot-spot Setting

Click on via Settings>Network&Internet>Hotspot&tethering >Wi-Fi hotspot to turn on the Portable WiFi Hot-spot function. When setting up WiFi hot-spot, enter your user name in "Network Name" and password, then click Save. Another device can use the WiFi hot-spot by searching and entering the password.

Reminder:

Please enable the Data Connection before enabling the network sharing function. Your mobile traffic will be shared by other devices, so please use it carefully. The signal of the WiFi hot-spot depends on the signal strength and devices

CAMERA

Aim the camera at the shooting object, the phone will start to focus automatically; or you can click on the screen to choose the object you want to focus on, then click "Capture" icon to take photos. You can also choose other modes such as video recording, beautifying, and panprama to take photos/videos.

INSTRUCTIONS FOR DUAL-CARD STANDBY

"Dual card, dual standby, single pass" means you can insert two SIM cards and have them both "standby", but cannot make phone calls at the same time. During the standby mode both cards are available for receiving phone calls, but once one of the cards is activated, the other one cannot receive phone calls nor make phone calls.

SECURITY INFORMATION

Security information (including BS, ES, battery security information) of third-party software installation and function may vary in different regions or by different hardware specifications. Vortex holds disclaimer for the performance problem or incompatibility caused by third-party applications, registry editing, OS software modifying. Customizing the OS may cause the device or some applications fail to work properly.

Please prevent the device or the battery in extreme cold/hot condition. The extreme temperature will lead to deformation of the phone and reduce the charging capacity and battery life.

Please only use the custom designed and approved battery and charger by Vortex. Incompatible battery and charger may cause damage to the phone. Please abide by local regulation when disposing of the used batteries and phones.

Please do not place the battery or the phone onto or inside heating devices such as microwave, oven or radiator. The battery may explode if it gets too hot.

Please do not crush or pierce the battery. Prevent the battery from getting high pressure from outside, it may cause internal short and overheating

SPECIFICATIONS

BASIC INFORMATION

Model

Operating System Android™ 12

4x ARM Cortex-A53 Macore up to 1.5GHz CPII GPU IMG 8XE 1PPC@ 570MHz

RAM 3GR

ROM 32GB Battery 5150mAh

Display

Screen Size 6.52 inch 720x1600 Pixels Resolution Capacitive multi-touch Touch

Cameras

Rear Camera 13MP+2MP Camera Front Camera 5MP Camera

Connection(I/O)

Rand LTE EDD:B2/4/5/12/13/25/26/66/71

TDD:B41F WCDMA:B2/4/5 GSM:B2/3/5/8

SIM/TF card 2 Nano SIM Card Or 1 Nano SIM and 1 TE Card

WIFI IEEE802.11 ac/a/b/g/n

Bluetooth Bluetooth 4.2 GNSS GPS, Beidou, Glonass, Galileo

Vac Farnhone Port

3.5mm USB Port Type-C

Other Features

3GP/MPFG4 etc. Video File Format

Audio File Format WAV/MP3/AAC/AMR/MIDI/APE/WMA.etc.

Card Extend Support TF card up to 256 GB Language Support Multi-language

Sensor G-Sensor, P-Sensor, L-Sensor, Compass,

In the box

- 1x Phone
- 1x Screen Protector (pre-applied) 1x Phone Case
- 1x Type-C Cable
- 1x Power Adapter
- 1x SIM Tray Ejector
- 1x Quick Start Guide

Android is a trademark of Google LLC.

Safety Statement

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

This 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 may cause undesired operation.

including interference that may cause undestred operation. Note: The equipment has been tested and found to comply with the limits for incluse 3 digital device, pursuants part. Note: The equipment has been tested and found to comply with the limits for incluse 3 digital device, pursuants part Note: The equipment is an elegant of the second part of

- 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.

ISEDC Warning

Operation of 5150-5250 MHz is restricted to indoor use only.

This device complies with Innovation, Science, and Economic Development Canada

 $\label{licence-exempt} \textbf{RSS} \, standard (s). \, \textbf{Operation} \, is \, subject \, to \, the \, following \, two \, conditions:$

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le fonctionnement de 5150-5250 MHz est limité à une utilisation en intérieur uniquement. Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est

autorisée aux deux conditions suivantes :
(1) l'appareil nedoit pas produire de brouillage, et

(1) rapparein redoit pas produire de prouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by the FCC/ISEDC with the phone transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Before a new model phone as vasibable for sale to the public, it must be tested and certified to the FCC/ISEDC that it does not exceed the exposure limit established by the FCC/ISEDC, tests for each phone are performed in positions and locations are required by the FCC/ISEDC.

For body worn operation, this model phone has been tested and meets the FCC/ISEDCRF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 10mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure quidelines.

Informations sur le taux d'absorption spécifique (DAS)

Les tests SAR sont effectuées on utilisant des positions de fonctionnement standard acceptées para IFC.C/IESDC qu'exce lédéphone transmettant à son inview de puissance certifie épuis élevé dans toutes les bandes de fréquences testées, bien que le SAR soit déterminé au niveau de puissance certifie le plus élevé le niveaus SAR réd outlépéhone tout en fonctionnement peut être bien en dessous de la valeur maximale. A variet qu'un nouveau fonctionnement peut être bien en dessous de la valeur maximale. A variet qu'un nouveau fonctionnement peut être bien en dessous de la valeur maximale. A variet qu'un nouveau fonctionnement peut être bien en dessous de la valeur maximale. A variet qu'un nouveau fonctionnement peut être des la comme de la

Pour un fonctionnement porté sur le corps, ce modèle de téléphone a été testé et répond aux directives d'exposition RF FCC/ISEDC lorsqu'il est utilisé avec un accessoire conçu pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui positionne le combiné à au moins 10 mm du corps. Le non-respect des restrictions ci-dessus peut entraîner une violation des directives d'exposition aux RF.



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

In all EU member states, operation of 5150-5250 MHz is restricted to indoor use only.

Frequency Range:

EGSM900: 880-915 MHz (TX), 925-960 MHz (RX)

DCS1800: 1710-1785 MHz (TX), 1805-1880 MHz (RX)

WCDMA900: 880-915 MHz (TX), 925-960 MHz (RX)

WCDMA2100: 1920-1980 MHz (TX), 2110-2170 MHz (RX)

LTE Band 1: 1920-1980MHz(TX); 2110-2170MHz(RX)
LTE Band 3: 1710-1785MHz(TX); 1805-1880MHz(RX)

LTE Band 7: 2500-2570MHz/TX); 2620-2690MHz/RX)

LTE Band 8: 880-915MHz(TX); 925-950MHz(RX)

LTE Band 38: 2570-2620MHz(TX/RX)

LTE Band 40: 2300-2400MHz/TX/RX)

5G WI-Fi: 5150-5250 MHz; 5725-5850 MHz(TX/RX)

2.4G Wi-Fi: 2412-2472MHz/2422-2462MHz/TX/RX/) Bluetooth/BLE: 2402-2480MHz/TX/RX/)

GPS L1 C/A/ BDS B1l/ Galileo E1: 1559-1610MHz (RX)

FM: 87.5-108MHz (RX)

RF-Output Power:

EGSM900:33.0dBm/GMSK), 27.0dBm/8PSK)

DCS 1800: 30.0dBm(GMSK), 26.0dBm(8PSK)

WCDMA900: 23.0dBm

WCDMA 2100: 22.1dBm

LTE: Band 1: 23.0dBm

LTE: Band 3: 22.5dBm

LTE: Band 7: 22.0dBm

LTE: Band 8: 23.5dBm

LTE: Band 38: 23.5dBm

LTE: Band 40: 24.0dBm

5G Wi-Fi:

5150-5250 MHz

12.98dBm (802.11a), 13.06dBm(802.11n20), 12.18dBm(802.11n40), 12.38dBm (802.11ac20), 12.14dBm(802.11ac40), 12.06dBm(802.11ac80)

12.38dBm (802.11ac20), 12.14dBm (802.11ac40), 12.06dBm (802.11ac 5725-5850MHz:

10.46dBm (802.11a), 11.08dBm(802.11n20), 10.68dBm(802.11n40), 11.04dBm (802.11ac20), 10.78dBm(802.11ac40), 10.36dBm(802.11ac80)

2.4G Wi-Fi: 16.79dBm(802.11b), 17.25dBm(802.11g)

16.97dBm(802.11n-HT20), 16.29dBm(802.11n-HT40)

Bluetooth: 6.98dBm

BLE: 0.22dBm