

# User Manual

Bestable ET1020



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# 1 Introduction

## 1.1 Acknowledgment

Thanks for your purchase of our product. Bestable is high definition tablet PC. Its CPU is RK3399, Dual-core Cortex-A72 up to 2.0GHz, Quad-core Cortex-A53 up to 1.5GHz; it is based on Android 7.x operation system, and cannot expand the third application procedure.

The product is designed with various functions, including WIFI, BT and so on. It is easy to achieve wireless communication and internet, you have access to surf the internet anytime and anywhere; There are many sensors which offer you brand-new operation and entertainment; besides, it has camera shooting, which leads electronic consumption to enter into a fresh palm internet entertainment time.

The manual systemically introduces the functions, use techniques and announcements, please read this manual carefully before your operation.

## 1.2 Announcements

### Preventive maintainance

- Please always keep the Bestable dry. To avoid the device short trouble, corrosion fault and electric short, please prevent the device, battery and charger from water and moisture, and don't operate the device or charger by wet hand.
- To avoid failure of device, battery and charger, please prevent the device, battery, charger from violent shock or shake.
- To avoid failure of device, battery and charger, please prevent the device, battery, charger of all over heating or too cold circumstance
- Never shock, throws, prod the Bestable, or drop, extrude, bend the Bestable.
- Never disassemble the device and accessories arbitrarily, otherwise the device and accessories are not in our company warranty scope.

## 1.3 Safety Instruction

Before the operation of the Bestable, please read this chapter and teach your kids about these information. For further details, please refer to the safety instructions and announcement.

- Never use the Bestable when driving car, in order to ensure safe driving.
- In the medical area, please abide by related rules and regulations. Please shut down the Bestable when it is near to the medical area.

- To avoid the wireless signal to interrupt the plane- controlled signal, please shut down the Bestable or using airplane mode when you are boarding a flight,
- To avoid electronic equipment failure, please shut down the Bestable in the vicinage of high-accuracy electronic equipments.
- Please don't disassemble the Bestable and accessories. Only authorized agent has access to service the Bestable.
- Please keep the Bestable far away from magnetic equipments, the radiation of Bestable may erase the data stored in the magnetic equipments.
- Never use the Bestable in the vicinage of high temperature, inflammable gas ( gas station).
- Protect the Bestable and accessories from kids reach scope, and avoid the kids to use the Bestable without parents' supervision.
- Please comply with related rules and regulations, and respect others' privacy and legal rights while using the Bestable.
- Never use the Bestable in bathroom or other huBestable environment, and please protect the Bestable from liquid wash or wet.

## 1.4 Abbreviation/Terminology

Abbreviation/Terminology	Full Name	Description
Bestable	10.1 Tablet	Bestom 10.1 tablet module2
WIFI	Wireless Fidelity	Base on IEEE 802.11a/b/g/n standard wireless LAN
TF	Trans-Flash	Alternative name Micro SD,super miniature memory card

## 2 Bestable Introduction

### 2.1 Bestable Operation and Preparation

#### Battery Charging








If this navigator is first used, please use AV adaptor to fully charge it.

1. Apply the power adaptor to charge for Bestable.

### 2.2 Bestable Status and Reminder

#### Reminder icons

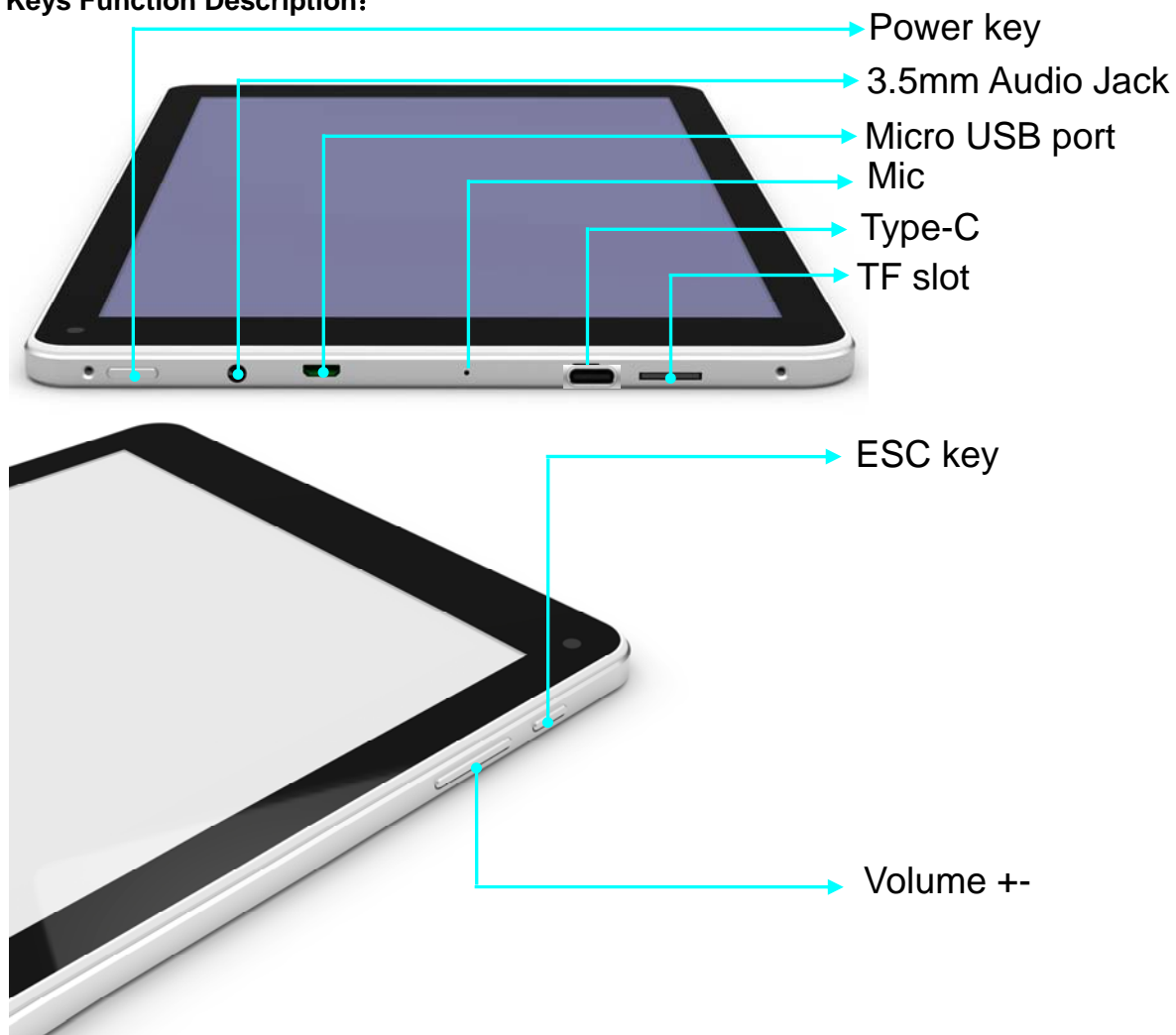
When some remind message appears in your reminder window, please click column and slip the screen to open the reminder list. Choose the menu you need, and confirm the information. Then you can close the reminder window through clicking the column to slide up. Please refer to below status icons:

	New email		Airplane Mode on
	Return button		Downloading
	Display recently-used application		Home button
			WIFI connected, internet is available

## 3 Quick Start Guide

### 3.1 Keys Function

Keys Function Description:



Power button	Short press to sleep/wake up, long press to startup and shutdown.
Volume + (up)	increase the volume
Volume - (down)	decrease the volume

## 3.2 Start-up and Shutdown

### Start-up

Long press **POWER key for three seconds**, you can enter into start-up picture. The system enters into screen status.

### Shutdown

- Long press POWER, it will pop-up Power-off .
- Click Power-off and select OK to Shutdown.

## 3.3 Open and Close the Screen

**Screen will be closed on its own when no operation happens.**

But if you already set it to never sleep, the screen will never close.

- Screen will be closed on its own if no operation happens for some time to save battery power
- When screen is open, press POWER key, the screen will be closed immediately.

**Open the screen when it is closed.**

If the screen is closed, short press POWER to open the screen. The screen will be locked open it,



## 3.4 Usage of Touch Screen

### Bestable operating methods

There are below methods to view the main screen, menu and application procedure in your Bestable.

#### Click

When you want to use the screen keyboard typing or choose application in the main interface, you only need to touch it by your finger.

#### Press on

If you want to open some item( text-box or the link in the web-page), or shortcut and main procedure move, you can press on this item.

#### Quickly slide or slide

Quickly slide or slide indicates make quick vertical or horizontal movement by finger.

#### Pull

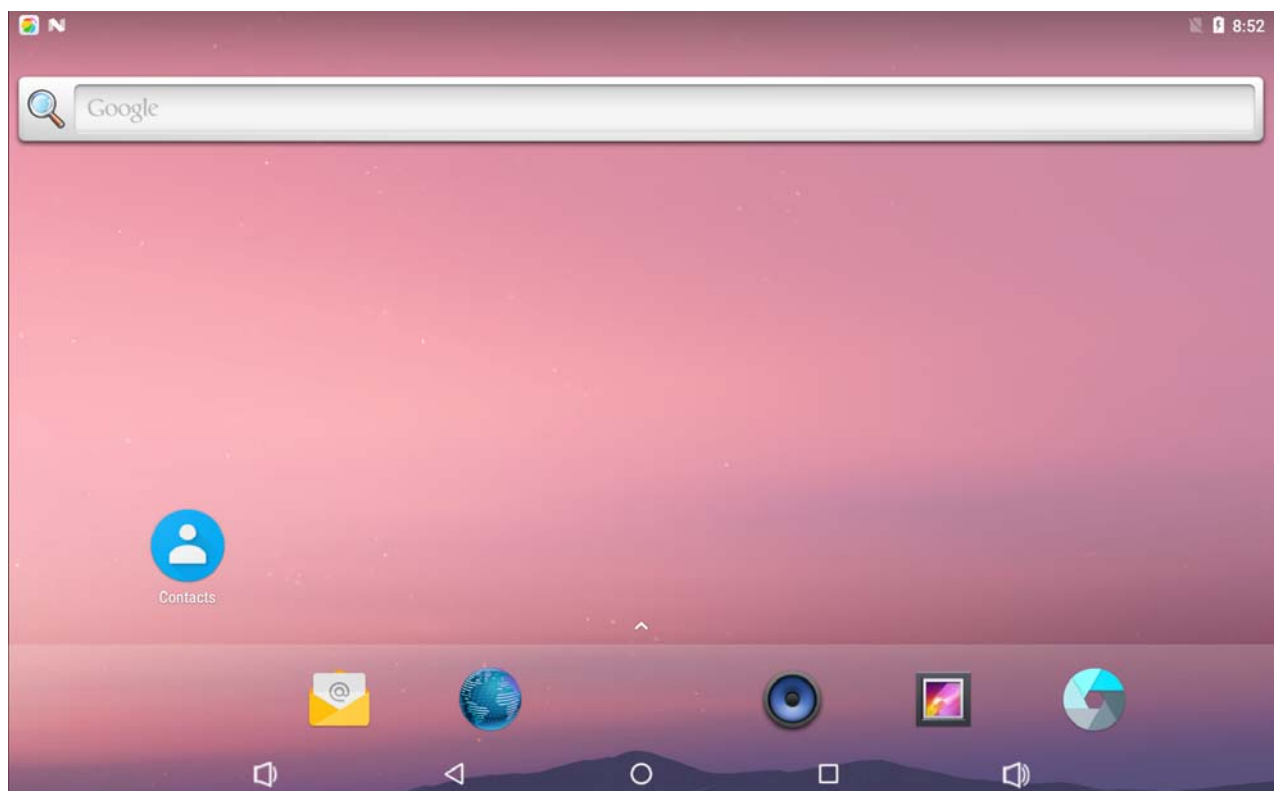
Before you pull, you need to hold the it with strength until you pull it into the position you want.

#### Rotate


For most pictures, you only need to rotate the Bestable side-wise to change the screen direction from horizontal to vertical. For instance, when you are typing words, and watching movies.

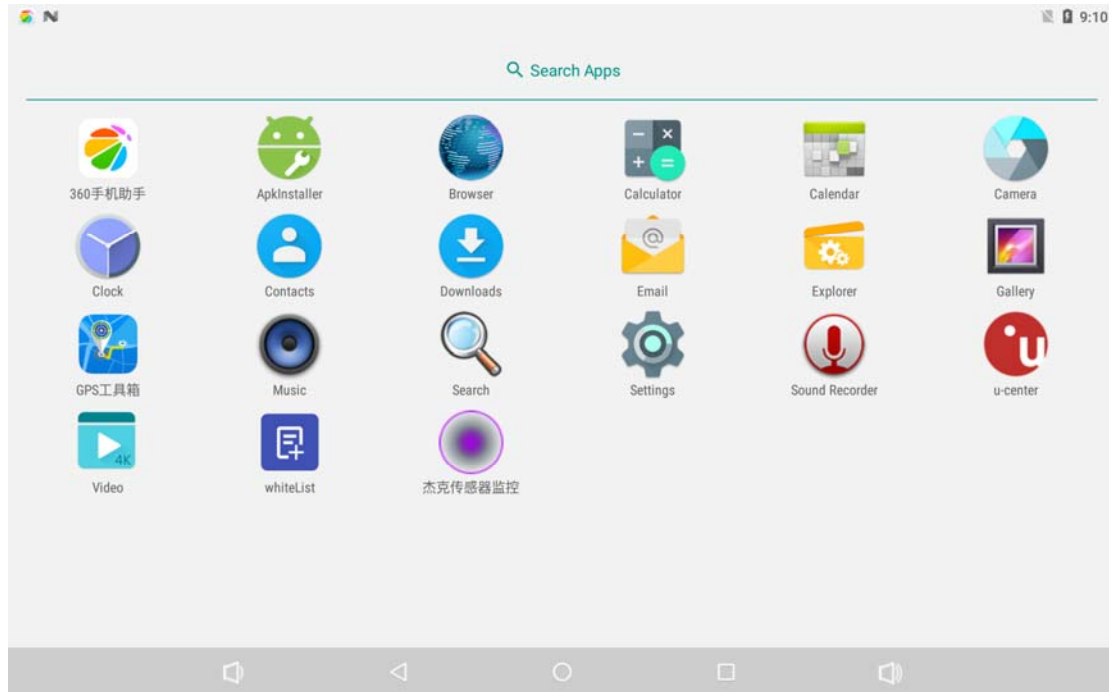
## 3.5 Home Page

Main interface as below picture 3.2, long press the blank and it will popup windows to set wallpaper, folder, widgets, and shortcut.



## 3.6 Visit Application Procedures

Click  in bottom of Picture 3.2, enter into main interface, choose the application procedure you want to visit.



## 3.7 Typing words

### Use the screen keyboard

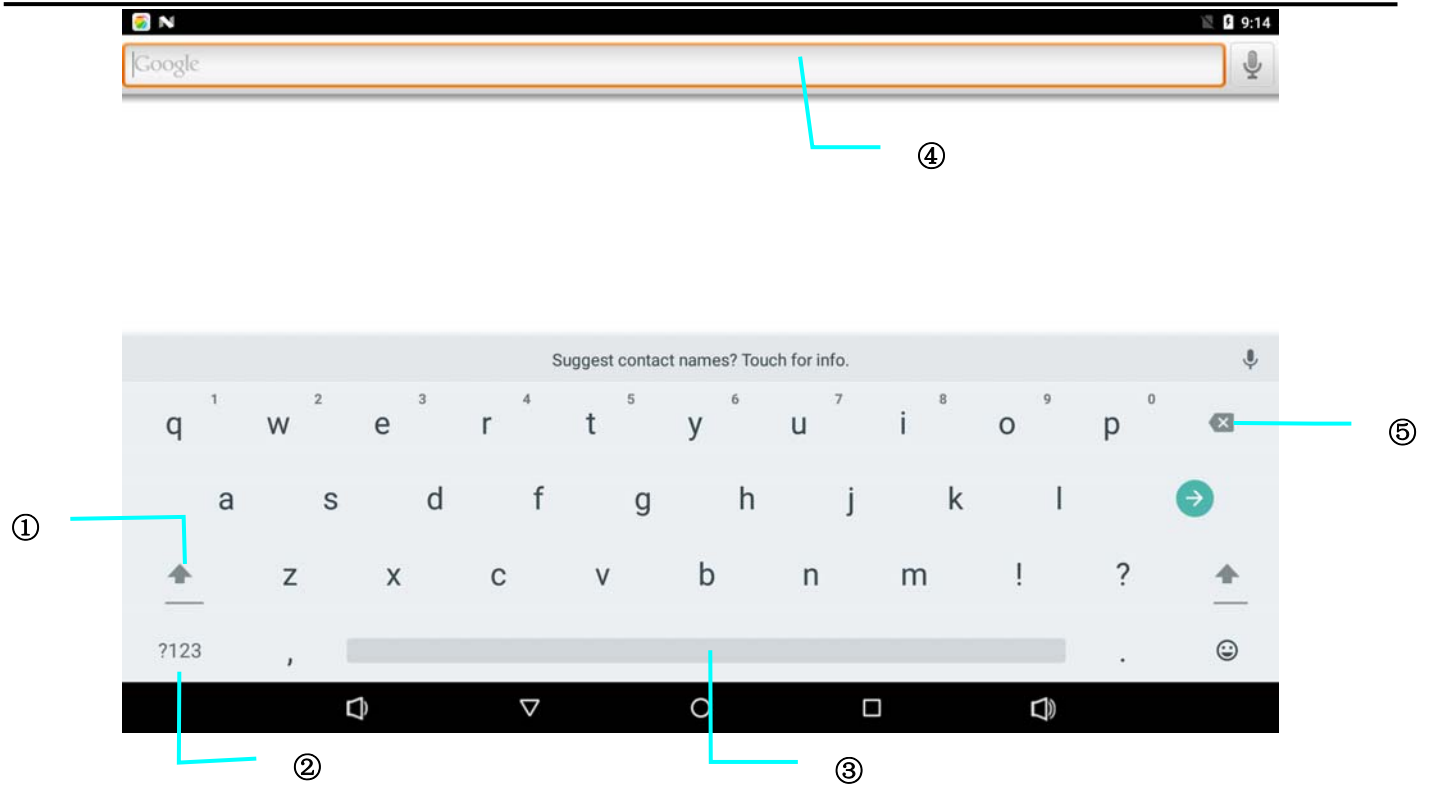
When you start the procedure or choose the words or numbers edition, it will show the screen keyboard. The keyboard contains below typing options:

- ◆ Android keyboard
- ◆ Google Pinyin

### Choose the typing method you want

- ◆ Click Setting procedure application.
- ◆ Click Language and Keyboard.
- ◆ In the text setting area will reveal all the installed words-typing methods in your Bestable.
- ◆ Tick the typing method you want.

### Use and switch of input method



1	switch the capital and small letter
2	switch the mode of words input
3	click to insert the space
4	click input to execute
5	delete the character in the left of cursor, click and hold to delete all the characters in the left of the cursor.

## 3.8 Operation Technique

### Create application shortcut icons in the desktop

In the application interface or widgets interface, long press any icon to switch into desktop automatically, drag and hold the icon, you can move to any position in the desktop.

## 4 Basic Setting

### 4.1 Wireless and Internet


#### Connect Wi-Fi

- In the main menu or interface, choose **setting** application procedure.
- Choose the Wi-Fi internet you want to connect, if it has password, it will pop-up the password window, enter password, click connect.

#### Network Notice

If you open Network Notice, when WIFI signal appears, the right bottom will remind you available WLAN network,

#### Keep WI-FI on during sleep..

- Click  icon in right top, select **advanced**.
- Click **Keep WI-FI on during sleep**,


### 4.2 Bluetooth

#### Bluetooth function operation

- Click setting application in main menu interface
- Click bluetooth and open it.
- If somebody open bluetooth in your surrounding, click search device in right above, then Bestable will automatically search the bluetooth device nearby.
- Click the available Bluetooth device, it will pop-up request window, enter into related password, and match the device to connect.

### Bluetooth setting

#### ◆ Rename tablet

Click  icon in right top, select rename tablet, you can rename it, as you want

- ❖ Display the file you received  
Choose display the file you received, you can view download and upload files.
- ❖ Bluetooth advanced setting  
Choose Bluetooth advanced setting in,

### File transmission

Open file transmission service, Connect Bluetooth FTP and customer device to visit and operate the file.

### Bluetooth distance induction device

Open Bluetooth distance induction device, when two Bluetooth devices distance is quite far or connection is cut off, the Bluetooth will remind you with sound.

## 4.3 Data Usage

Check data usage,

## 4.4 More

### 4.4.1 Airplane Mode

Airplane Mode can turn off WIFI and quickly, when airplane mode is turned on, WIFI can't get any signal,

then airplane mode is turned off, WIFI module will recover to previous state.

- Bluetooth tethering  
Can sharing this tablet's internet connection.

### 4.4.3 VPN

Open VPN, click **add VPN network**, Input **name** and server address, then save.

Click VPN, input VPN user name and password, click connect.

## 4.5 Sound

Open settings, click Sound,

### Volumes

click volume, you can set ringtone, notice, and alarm volume,

### Default notification sound

click **Default notification sound** to choose notification sound,

### Touch sounds and Screen lock sound

Click the touch sounds and Screen lock sound to open/ close the touch sounds and screen lock sound.

(Note: Except standard, silent, meet, outdoor are only for selection, they can't be set.)

## 4.6 Display

### 4.6.1 Adjust the screen brightness

- . Click **Setting** application procedure.
- Click **display**, choose brightness,
- Drag the portlito to adjust the brightness volume.
- Click OK after brightness is adjusted.

## 4.6.2 Wallpapers

- Click **setting** application.
- Click **display**, click **wallpaper**.
- You can choose different wallpapers as you like—live wallpapers---gallery(user defined)—  
-wallpapers (system defect)---video wallpaper

## 4.6.3 Sleep

- Click setting appliation.
- Click display.
- Click sleep.
- Set the sleep time as you want,

## 4.6.4 Daydream

- Click setting appliation.
- Click display.
- Click Daydream.
- Set the sleep time as you want,

## 4.6.5 Font size

Click **font size** to adjust the font size,

## 4.7 ScreenshotSetting

Open settings, click ScreenshotSetting,

### Select delay time to capture the screen

Click this to select the delay time for the screenshot

### Set the location of screenshot storage

Click this to select the location for the screenshot picture,

### **Show the screenshot button in the statusbar**

Click this to select the whether show the screenshot button in the statusbar or not.

## **4.8 Storage**

Check SD card and Bestable storage space.

- Enter into setting application.
- Click storage, check storage space.
  - Internal storage
    - ❖ System storage: System storage is the space Bestable leave for system file, it can't be viewed.
  - NAND FLASH
    - ❖ Internal storage is Bestable local NAND storage, if you need to check the storage content, you can check it in main menu.
  - SD card
    - ❖ You can check storage space, SD card available space, unmount SD card and erase SD card.  
Safely remove SD card
- Click setting application.
- Click memory.
- Click uninstall SD card.
- Now you can remove SD card safely.

[Note: Removing SD card safely can protect SD card and increase its lifetime.](#)

## **4.9 Apps**

- Click setting application in Apps.
- Select application, after enter, you can manage and delete installed application and check system used storage space and left space.

- View internal storage used space and left space,

View the working device, used space and available space,



- View the all applications,

## 4.10 Location

Click **setting**, select **location**

## 4.11 Safety setting

### Set locked screen

Lock the touch screen by unlock icon or password to protect your Bestable.

Note: After setting screen locked, you should enter the passcode each time when you startup or screen is locked

### Set unlocked picture

- Click setting application in main interface.
- Click **safe**.
- Click **locked the screen**.
- Choose **picture** in text setting area.
- Click next following the remind message.
  - The unlocked pattern board pop up, there are nine touch spots, connect 4 points from vertical, horizontal or diagonal direction. Move your finger from the screen when finish. The system will record your new unlock pattern.
  - Click **continue**.
  - When you see the reminder, enter the unlock pattern, then click **confirm**.

### Set unlock PIN code

- Click **setting** application in main interface.
- Click **safe**.
- Click **screen locked**.
- Choose **PIN** in text setting area.
- Enter new PIN code(numbers) and click **continue**.
- Enter new PIN code again and click **confirm**.

### Set unlock password

- Click **setting application** in main interface.
- Click **safe**.

- Click screen locked.
- Set password in text setting area.
- Set new password(letters and numbers) and then click continue.
- Enter the password again and then click **confirm**.

#### Unknown source

- In main interface, click setting.
- Click safety.
- Click unknown source,

**Note:** Manual installing APK files needs to turn on unknown source.

## 4.12 Language & Input

Click setting, select language and input method, choose language to switch language,

Click **setting**, choose **language and input**, choose **Android keyboard setting**, click input language.

Choose the language you want to change in the language list,

Return to **language and input method**, click **default**, , select input method you want to use

## 4.13 Backup and Reset

Connect WIFI and login your google account, choose **backup my data**, system will backup your data into google server.

If you need to recovery factory reset, please click reset, if you need to formulate NAND, please click reset tablet.

## 4.14 Date and Time

According to the preset, system will voluntarily apply the date, zone, and time provided by internet.

Manual set date, time and zone

- Click Setting application procedure.
- Slide down the screen, then click **date and time**.
- Turn off "auto setting of date and time".
- Turn off "auto setting zone".
- Click Zone Selecting, then choose the zone lists. Slide down the list to view more zones.
- Click **Date setting**, then click upper or down button to adjust date, month, and year, click **setting** when you finish selection.

- Click **Time setting**, then click upper or down button to adjust hour and minute, click AM or PM to change morning or afternoon ( there is no such selection when you se 24-hour format). Click **Setting** to finish.
- Click **24-hour format**, switch between 12-hour or 24-hour formay, the time format you choose will be used on the alarm clock.

- Click date format setting, then choose the time format you want to show on Bestable.

Note: If you use the time internet provided, you will not able to set the date, time and time zone.

## 4.15 Assistance Function

### Large size

Click it to make system font large size

### Install webpage script

It will allow you install webpage scrip when you open system,, but it will increase the risk when you are browsing webpage.

## 4.16 Engineer Selection

### Keep awaken state

If you open keep awaken state, it will never auto sleep when your Bestable is charging.

### Pointer Location

If you open pointer location, it will display touch vertical and horizontal direction.

### Show touches

If you open display touch screen operation, it will display touch opeation on the screen. It is suggested to use with same direction as pointer location.

### Show screen update

If you open screen refresh, it will display related area when the area is refreshing.

### Show CPU usage

After open CUP usage, in the right top of Bestable will show CPU usage situation.

## 4.17 About Tablet

Check Bestable state

- Check **Setting** application.
- Click **about tablet**, check **state message**, **model**, **Android version**, **version No** and so on.


## 5 Multi-Media

### 5.1 Music

Enter into music player: in menu or desktop click music icon to enter into music player, click the music you want to play.

- Drag the progress bar to adjust play progress.
- Operation of music player button

### 5.2 Video

- Enter video player: choose  application in main menu, choose the video you want to play.
- Operation of video player button

### 5.3 Photo Gallery

**Photo gallery** application can auto search photos and video files in SD card, and photo gallery will classify these photos and videos in folder. You can apply photo gallery to view and edit photos, set the photos as wallpaper and watch the video.

#### View pictures

1. Click gallery application in main interface.
2. Enter into gallery, click the folder you want to view.
3. Click the picture you want to view, the system will play it in full screen mode automatically.
4. The pictures can be zoom in and zoom out, put two fingers on the screen, the separate the fingers(gather up the fingers, the picture will be zoom in) or double click the screen.

[Note: when you browse the pictures, slide left or right to view more pictures.](#)

#### Edit and set pictures

When check the pictures in full screen mode, click menu key to display menu selection, you can choose the selection you need to edit and setting pictures.

- **Crop**

1. Click **menu** key to display menu selection.
2. Then click crop, click and drag related area to adjust the cropper.
3. Click cropper and drag it inside and outside to adjust the image.
4. After adjust the size you want, click **crop**.
5. If you wish to give up to crop, click **cancel** to return to picture browse.

- **Edit**

1. Click **menu** key, display the menu selection.
2. Click **edit**.
3. Adjust the brightness, style, color, antialias setting in selection.
4. Click **save**.
5. If you want to give up edit, click **return** key, click **not** to return to picture browse.

## 5.4 Camera




In the main interface or desktop, click camera application procedure , enter into camera

- Operation of camera ,Switch camera: choose **Menu** key, click **switch front/back camera**.

## 6 Internet

### 6.1 Browser


In case of Wi-Fi or mobile internet is connected well (Please refer to Chapter 4.1 for wireless and internet setting), click IE browser  in the main menu or desktop to enter the IE interface,

Click address bar to input the website, click start, enter into related webpage, then you can browse the website information, and you can click the menu you can refresh ,save to bookmarks,,share page,bookmarks,,history and setting the webpage.

## 6.2 Email

**Email** application procedure contains email setting guide, you can add the external POP3 OR IMAP email account of normal web email service provider (For instance, Yahoo, Gmail, Hotmail and 163).

### a. Email Setting

1. After you click the sending email icon , you can see the email setting guide, which can help you to set.
2. Input your email address and password.
3. Click "Next step" button, choose your email type is POP3 or IMAP.
4. Click "Next Step" button to check whether the email box servicer can receive or send emails
5. Input the email account and display the email subject, and click **finish**.
6. If the email box is available, you will enter into your mail box automatically.



### b. Delete the email account

You can delete setted POP3 or IMAP email account from your Bestable.



1. Enter into your mail box.
2. Press Menu key.
3. Click Account
4. Press the account you want to delete.
5. Click confirm to remove.

### c. Send E-mail

1. Click  to display your mail box.
2. Click the inbox, it will refresh the new emails automatically; click it to read new email.
3. Press Menu key. Menus will pop-up.
4. Click **Edit**  to enter into new email editing interface.
5. Input the receiver's email address.
6. Input the subject and email content.
7. If you want to add attachment, click menu key, the menu pop-up.
8. Click "Attach file" (photo,music, video,contacts).
9. Click "send" to send the email out.


## 8 Other Application Procedures

### 8.1 Clock

Click **Clock** procedure, enter into below interface .


There are clock, picture, music and homepage buttons.

### 8.2 Calculator



1. Click  .
2. Enter into the basic board of calculator.
3. Soft touch the numbers or operator in calculator to calculate.

### 8.3 File Manager

File manager will copy, cut, delete, rename the documents or the folder in the TF card, it also will share the files, install apk etc.

In the main menu or desktop, click the document manager icon  to enter into documents manager.


a、Copy, cut, delete, rename the files and folder: choose the file or folder, long pressthe file or folder to enter into the interface , you can operate the file or folder.

b、 Paste the copy or cut file: choose the file you want to paste, choose right top  icon to enter, choose right top  icon to enter into



C. Share file: choose any file, long press it, it will popup “share”, choose the share way you want in the list

d. Install apk file: Choose the file suffixed .apk in the file manager, you can install the third part software as reminder.

e. Build new folder: Choose the menu you want to build the file, click  icon in right top, choose new folder, you can build new folder as reminder.

## 7.4 Recorder

In the main interface or desktop, click recorder icon  to enter into record interface, click record key



to start record. Click Stop key  to stop recording. Click Play key  to play the recorded sound.

The system will auto remind you to use or abandon this record, please choose it manually.

Play the record: choose the video player to play the recorded sound, choose the recorded sound in the source manager, and click it to play.

## 8 Installation of Procedures

### 8.1 Installation

Install the third party application procedure

- Click “file manager” application procedure; choose the application procedure you need to install.
- Hold the application procedure you need to install.
- It popup **install**, click **install apk**.
- Finish the installation as guide, it will operate.

Note: The third party procedure searched from internet to use on the system are all suffixed with .apk.

### 8.2 Uninstall

Uninstall application procedure

- Click setting icon in main interface.
- Click **manage application procedure**, list all the application procedures insralled in the system.
- Click the APK you want to uninstall, click **uninstall**.
- Click **confirm** to finish uninstall.

Skill: The procedure manager installed by system has many convenient methods to uninstall after opening procedure manager, click uninstall, it will list all the application procedures installed by system.

## 9 Troubles Shooting

### ❖ The first start-up of Bestable is slow

After the Bestable system upgraded, the first start-up need to install the pre-installed application softwares, the lead time is around 2-3 minutes, the start-up afterwards will be much quicker.

### ❖ Bestable can't connect Wi-Fi

- Make sure the wireless router of internet service can work in normal.
- Ensure the Bestable and wireless router in certain distance, and no wall or other barrier between them.
- Ensure the user name and password both correct.

### ❖ Bestable feels hot

When many application procedures are used in meanwhile, or the brightness of screen open to the lightest or under charging, Bestable may feel fever. It is normal.

### ❖ Email can't be set or Registration of application procedure.

- Ensure your internet is well connected.
- Make sure your email setting way is correct.
- Keep your system time and local time consistent.

### ❖ The system is abnormal and can't work.

When you install some third party application procedure, it may cause abnormal work, you can press **Reset key**(next to power port) to reset the system.

### ❖ The web-page can't be opened

- Please keep the distance between from route to Bestable in effective range.
- Please restart WIFI and try again.

### ❖ Bestable works terribly slow sometimes

- It is normal phenomenon. Please turn off some application you don't need in advanced task management, or uninstall some third party application to release more system resource.

Note: This tablet is industrial use

## 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.

### **IMPORTANT NOTE:**

Note: This equipment has been tested and found to comply with the limits for a Class A 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 radiate 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

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.  
Indoor use only