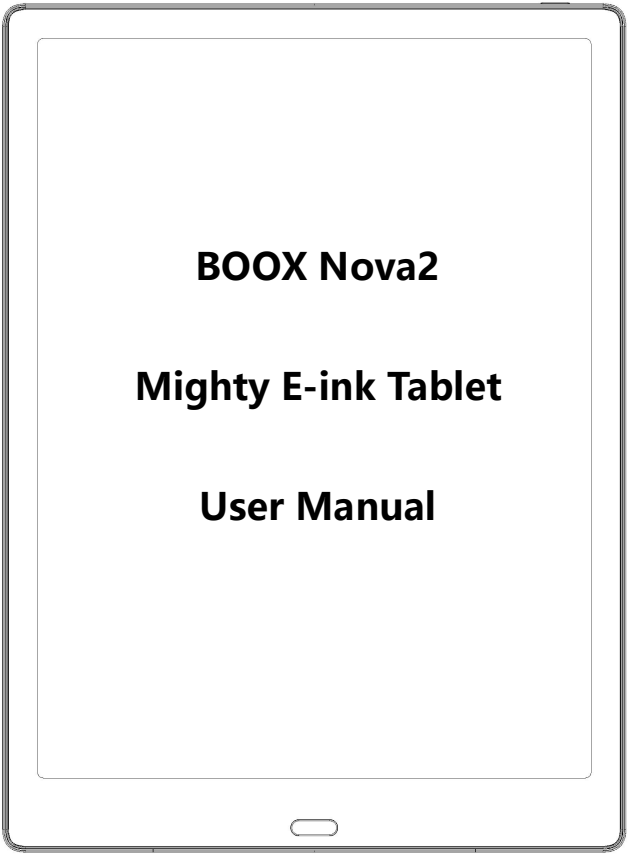


BOOX Nova2

Mighty E-ink Tablet

User Manual

1. About ONYX

BOOX is presented by Onyx International, which has a group of professionals who dedicate themselves in designing state-of-the-art reading terminal. The beauty of the BOOX is embodied in both its simplicity and its power. As we are going to show you, BOOX is an open and flexible platform for both consumers and content providers.

BOOX is powered by a 16-level grayscale e-ink screen that looks and feels like paper. Passive lighting and diffuse surface relax your eyes and reduce eye strain. By the hand-writing system, you can take notes while reading and sketch up ideas that happen to emerge. BOOX takes full advantage of new-generation e-ink screens: extremely low power consumption without reflection and backlight. Each full charge can sustain a few weeks' reading. By reducing paper consumption while providing a realistic paper-like reading experience, digital content helps to protect the environment without sacrificing convenience or lifestyle.

For content partners, we also provide support for custom formats and digital rights management solutions. All of our viewers have standard features such as layout management, font adjustment, full-text-search, zooming, and page flow.

For a next-generation information device, connectivity is essential. The user can connect to the Internet by built-in Wi-Fi, 3G module or other add-on modules to download new content or surf the web. Customized for the e-ink screen, WebKit, the same software engine as some powerful desktop browsers such as Safari and Chrome, is the web browser of BOOX.

BOOX gives you a new reading experience.

2. Standard Accessories

(1) BOOX Nova2 x1

(2) Stylus Pen x1

(3) Type-C Cable x1

(4) Quick Start Guide x1

(5) Warranty Sheet x1

Optional Accessories (purchased separately)

(1) Adapter

(2) Protective case

3. Safety Guide

Please read the Safety Guide carefully before you start to use the device. Contact your BOOX retailer if you have any technical problem, or you can dial our official service line at 4008-400-014 or 4008-860-830.



Screen protection

The device is equipped with E-ink screen, which is very fragile. Please have no shocking, squeezing, pressing against the screen, or dropping the device from a higher place. If the screen is already broken, stop using it and contact the professional or other qualified staff to replace the screen for you. Please don't dismantle the device without our permission.



Standard accessories

Only the battery, adapter, and other accessories meeting our standard safety rules can be used for the device. For details, please refer to Product Specification. We will not be responsible for any damage caused by incompatible accessories.



Stay away from liquids

The device is not waterproof. Don’t expose the device to a humid environment or use it in the rain. Please keep it away from any corrosive liquids.



Don’t dismantle the device

Please don’t dismantle the device in case of any damage.

Inappropriate battery model may cause explosion. Please contact official after-sale team for battery replacement if needed. Users shall undertakes the responsibility and deal with the obsolete battery if users replace batteries themselves.

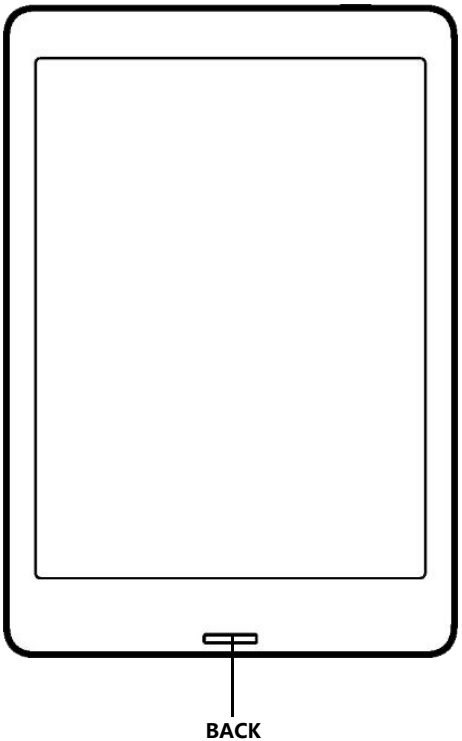


Using environment

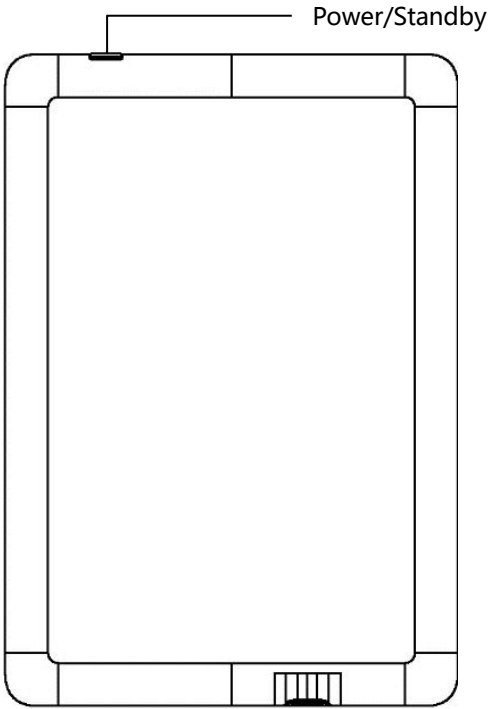
The using environment of the device is 0°C-50°C.

4. Product Views

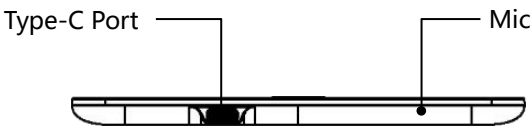
Front View



Back View



Bottom View



Button Function

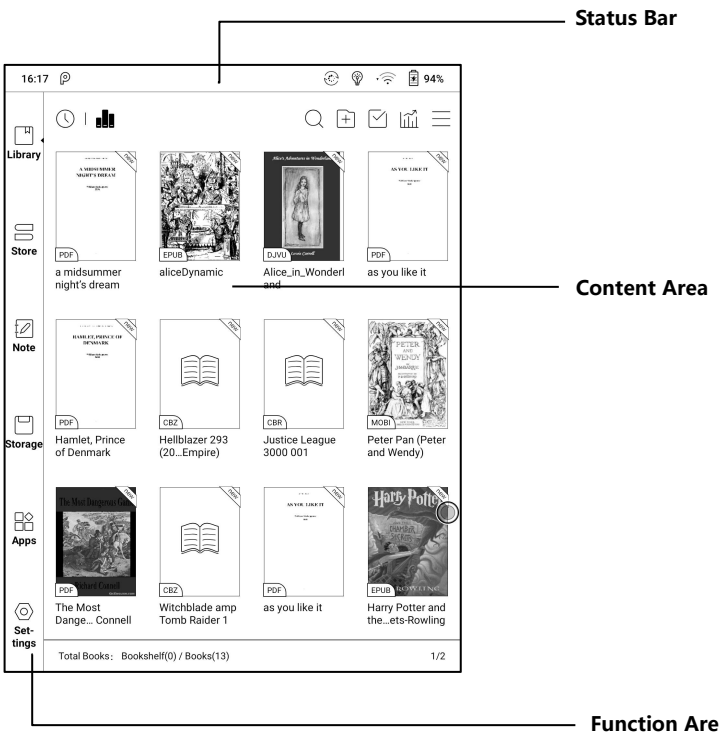
Power/ sleep Button	●Press the power button to turn on the device ●Long-press the power button for 2 secs, then select "Power off" in the menu to turn off the device ●Press the power button and release quickly to let the device goes into sleep mode ●Press it again to wake up ●Long-press for 10 secs to force shutdown
Back Button	●Exit the current apps ●Exit the current view or dialog ●Go back to the previous directory ● Long press for 3 seconds to turn on/off front light for those models with front lights.
Microphone	●Record voice ●Recognize speech
Type-C Port	●Connect the device with PC to transfer data or charge device. ●Support Type-C earphone ●Support OTG USB drive

5. Main Interface

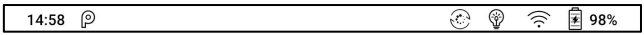
The main interface contains a status bar, content area, and function area.

The function area contains certain modules.

Double-click icons in function area can return to the main page of the specific module.



Status Bar



This section displays the current state of the device, including: Time, Notification, Refresh Mode, Front-light, Wi-Fi Connection, Battery Usage. It is only for status indication.

Notification Interface

Click or pull down the Status Bar to expand a menu, which includes:

3 navigation buttons on Android OS:

Back button, Home button, and Overview button.

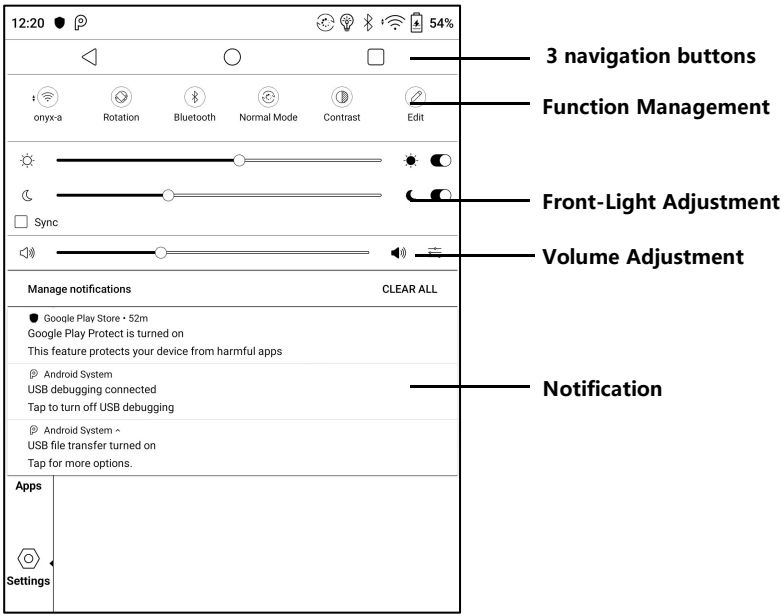
Function Management: Wi-Fi, Bluetooth, Rotation, Refresh Mode, Finger Touch, etc. Further customize those frequent functions by pressing the “Edit” button.

Front Light Adjustment：Adjust front light luminance.

Volume Adjustment: Easily adjust the media volume by moving the sliding control. Customize the notification sounds and adjust the volume of the alarm, notification and others.

Notifications: Turn on / off notifications for connecting USB, push notification

from third-party apps, etc. Jump to the corresponding page by pressing the specific notification.



Multi-tasking switching

Clicking this icon, pop up the Android multi-task list to check the running applications in the background, one key to clear up all the applications to speed up the device.

Wi-Fi Setting

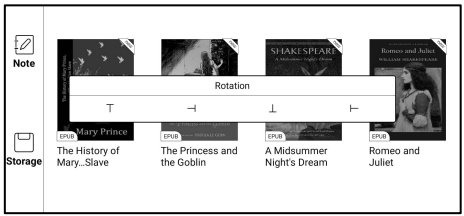
When using at the first time, you should enter into the Wi-Fi setting interface to get a accessible connection. Then click the icon to turn on/off the auto connection.

Bluetooth Setting

When using for the first time, you should enter into the Bluetooth setting interface to match a device you want. The matched earphone, page turner can be auto-connected by clicking the icon. Certain devices do not support auto connection after disconnected.

Rotation

Easily change the orientation of the screen by clicking the direction you want.



Refresh Mode

Four levels of refresh mode are available.

Normal Mode: good display effect, suitable for general text reading.

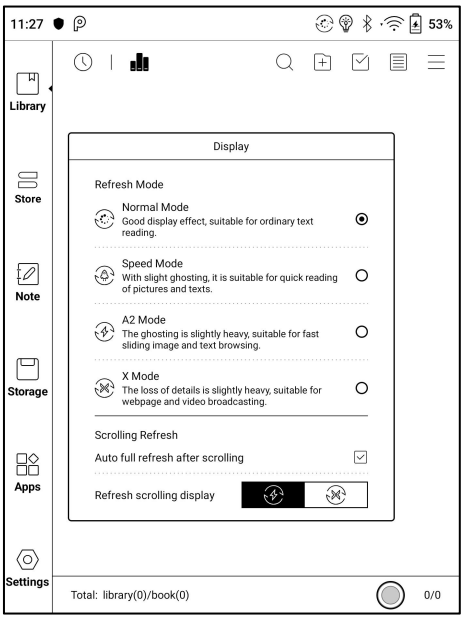
Speed Mode: with slight ghosting, suitable for quickly reading image and text.

A2 Mode: Ghosting may exist, suitable for scrolling pages with image and text.

X Mode: May cause serious loss of details, suitable for web pages and video.

Normal mode is the default mode; Speed mode is used while scrolling pages;

After selecting a new mode, to adjust the contrast could get a better effect;



Contrast

Global contrast works for all interfaces, and other contrast adjustment in App optimization may cause superimposed effect. It is recommended to only use one of them.

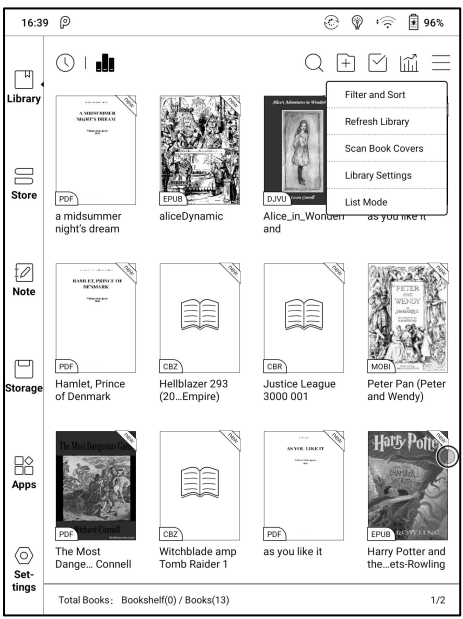
Edit

The icon in status drop-down menu can be adjusted, like add, remove, and re-order.

6. Library

The library only displays E-book documents in supported formats in the storage. Book cover thumbnail is displayed by default. E-books are sorted by the creation time.

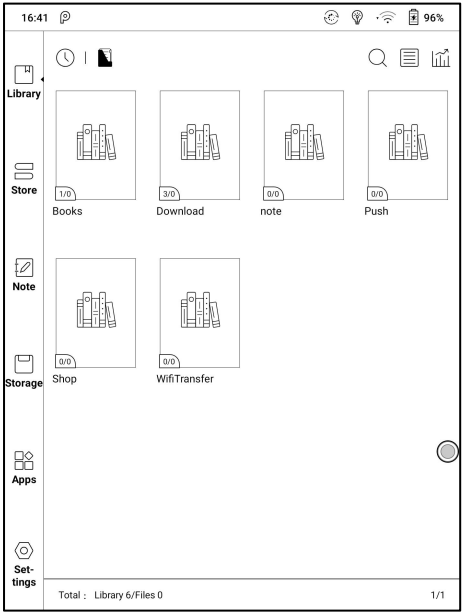
Tapping the toolbar icon on the top right of the library, users can Search, Create sub-library, Multi-select, Filter & Sort by, and Rebuild Library.



Library Display Switch

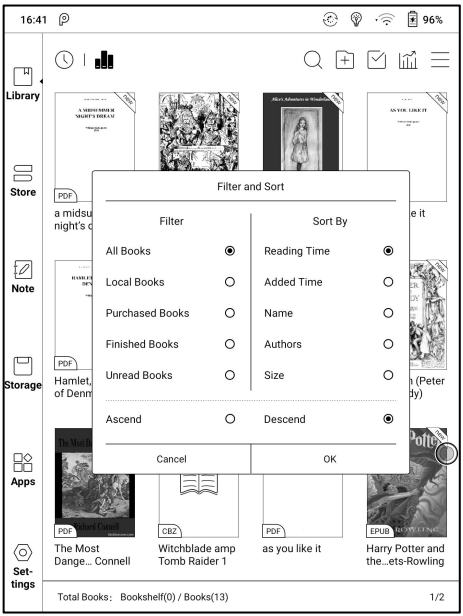
Click on these icons to switch the library display. By default, it auto-scans and loads all the supported documents in specified paths, sorted by a specified way.

Another one is to display the content based on the structure of storage. The icons change after clicking on it.



Filter & Sort

By default, it shows all books in descending order.

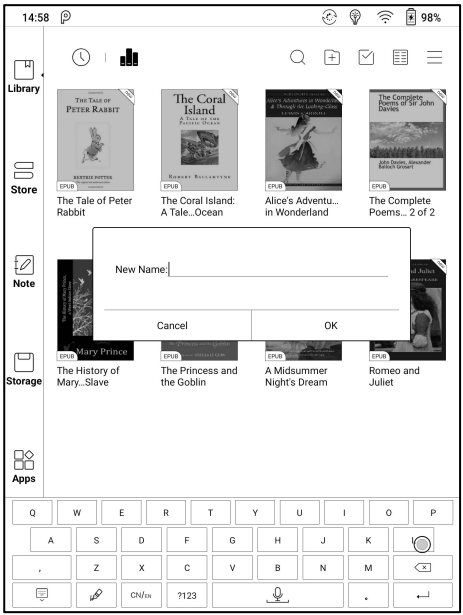


Refresh Library

“Refresh Library” gets all documents in supported formats scanned and rebuild library list. This function does not delete the reading history.

Create Sub-library

It helps to manage books by file manager.



Library Settings

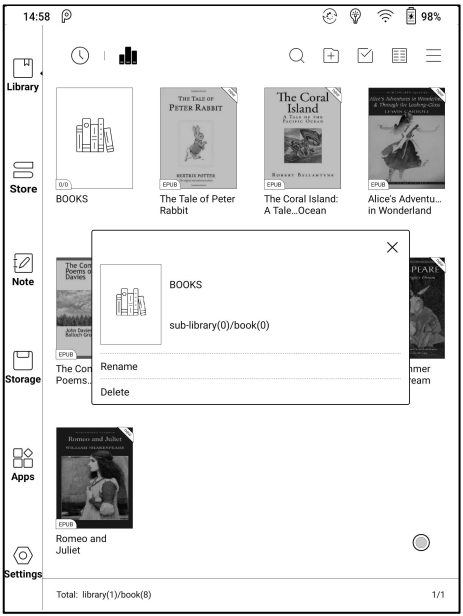
Users can set book file scanning path here. It only scan the specific folders (Books, Store, WifiTransfer, Push).

Users can also select scan all folders but it would slow down the loading speed of Library.

Users can select showing books title or file name.

Sub-library Attribute

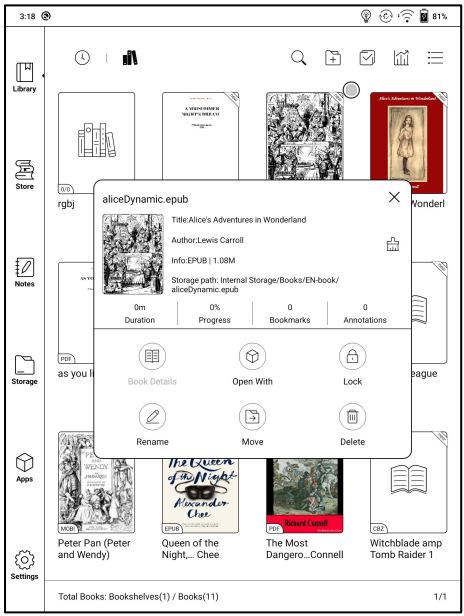
Long-press on sub-library cover to view more information about sub-library. To delete or rename sub-library are allowed. When deleting sub-library, the containing books will be moved to Library and will not be deleted with the sub-library.



E-book Attribute

Long-press on book cover to view more information about E-book name, author, format, size, reading progress, book detail(only available for the E-books of Store), open way, Lock、rename, move(to sub-library) and delete. One E-book only can be added to one Sub-library.

As for the books purchased from the Store, is allowed to view book details by jumping to the Store page.



Lock (Reading Password)

User can add (reading) Password to lock each file in order to protect personal reading data;

The Password is used to open the file,but it only applies to the same device and Neo Reader. If you copy and export the file to other devices or Apps, the Password will become invalid.

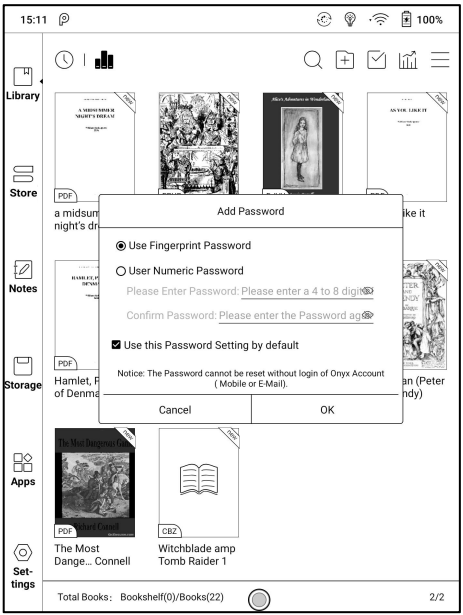
You can use the same Password as the Screen Lock. Or you can set a different digits Password.

Digits Password only support one Password. After you have set the digits Password, you do not need to set another digits Password and only need to add the Lock.

Reading Password cannot be recovered. If you forget the Password, you can only reset it through ONYX Account.

Reading Password supports individual setting or setting in bulk (setting in bulk is to add Locks). Currently It does not support to add Passwords to all files directly.

If you choose to use this Password Setting by default, you can add Password to other files quickly and do not need to re-select the Add Lock Option every time after the Password is set for the first time.


15:11
100%
Library
Store
Notes
Storage
Apps
Set-
tings
PDF
a midsum
night's dr
ike it
Add Password
Use Fingerprint Password
User Numeric Password
Please Enter Password: Please enter a 4 to 8 digits
Confirm Password: Please enter the Password ag
Use this Password Setting by default
Notice: The Password cannot be reset without login of Onyx Account (Mobile or E-Mail).
Cancel
OK
Hamlet, P
of Denma
an (Peter
ndy)
PDF
The Most
Dange... Connell
CBZ
Witchblade amp
Tomb Raider 1
Total Books: Bookshelf(0)/Books(22)
2/2

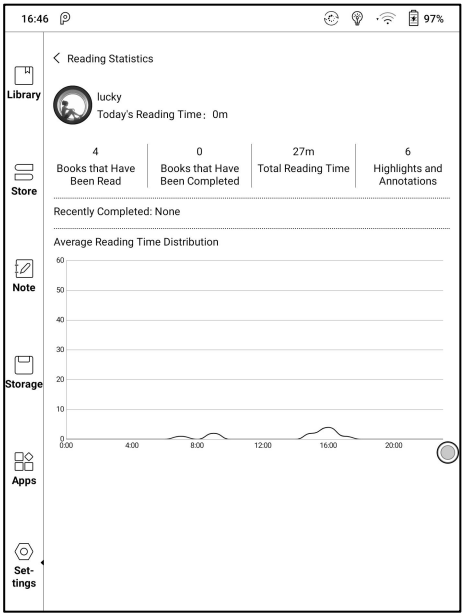
Reading Statistics

Reading Statistics is to summarize personal reading data, including Today's Reading Time, Books that have been read, books that have been finished, Total Reading Hours, Highlights and Annotations and Average Reading Time Distribution.

Average Reading Time Distribution includes the reading time of all days since Reading Statistics is turned on.

Under Reading Statistics, only highlights and annotations can be jumped to and the books that recently have been finished can be opened. Other data is only for analysis purpose.

The reading data of each device can only be available on the same device. You can not check the statistics of this device on another device.

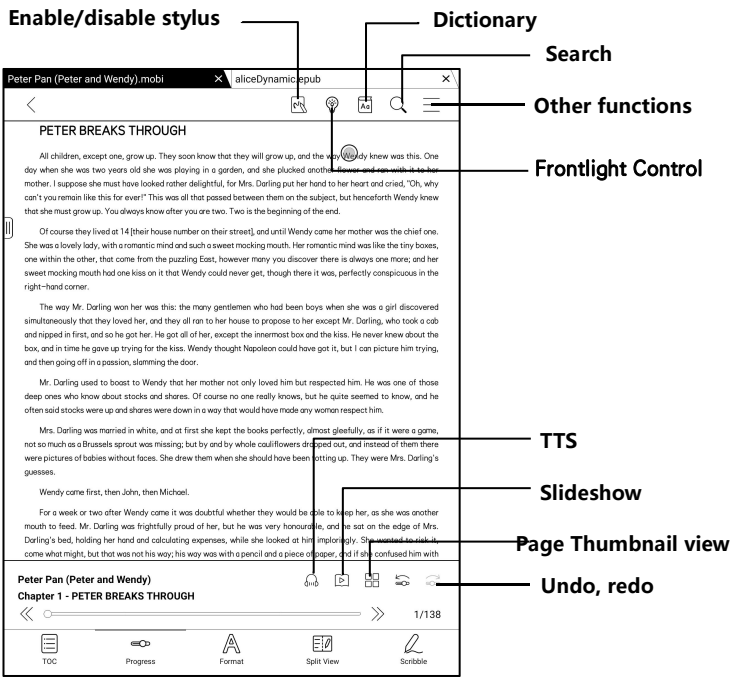

16:46
97%
Library
Store
Note
Storage
Apps
Set-
tings
Reading Statistics
lucky
Today's Reading Time：0m
4
Books that Have Been Read
0
Books that Have Been Completed
27m
Total Reading Time
6
Highlights and Annotations
Recently Completed: None
Average Reading Time Distribution
60
50
40
30
20
10
0
0:00
4:00
8:00
12:00
16:00
20:00

7. Reader

Tap any E-book cover to open an E-book. Full-screen reading without showing status bar is set by default.

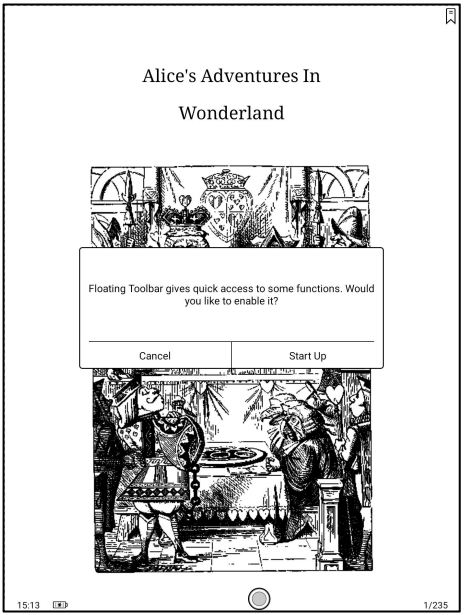
To pull down from the top of the screen can call out the status bar.

To tap on the center of the screen can call out the menu bar for switch among different documents or other functions



Floating Toolbar

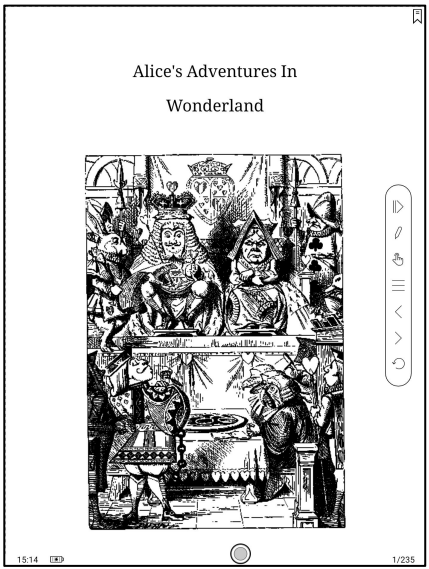
You can choose to activate the Floating Toolbar for the first time when you open a file. Or you can go to *Settings / Floating Toolbar Settings* to enable it and customize the function buttons in the Floating Toolbar.



The Floating Toolbar includes: Hide, Scribble, Enable Palm Rejection,

Menu, Prev Page, Next Page, Cancel (Progress)

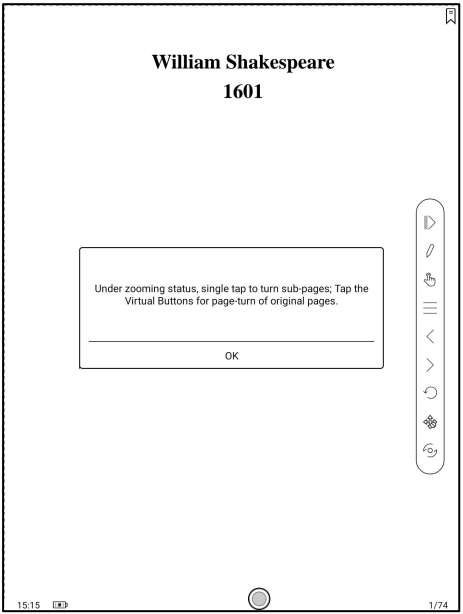
Long press on the Floating Toolbar, you can drag it around on the screen. You can expand or contract the Toolbar to the edge to avoid cover any text on the screen. When you need it, just swipe from either side of edge to the other side to expand it.



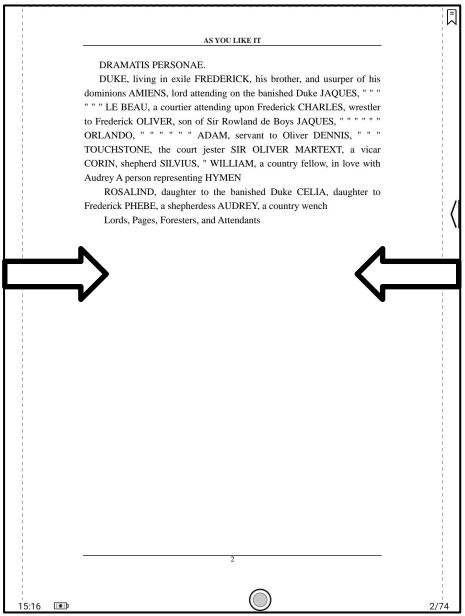
When the page is zoomed in, the Floating Toolbar would automatically expand proportionally in order to manage the zoomed–in page better.

Under zooming status, singe tap on the screen is set for turning sub–pages of each page(each original page will require several time

page–turns to be completed). But tapping the virtue page–turn buttons on the Floating Toolbar is set for turning the whole original page.



You can disable the Floating Toolbar by going to Setting – General Setting. When it is contracted to the edge, you can swipe from either side of edge to the center of the screen to expand it.



When palm rejection is enabled from the Floating Toolbar, it only applies to the reading document. The Floating Toolbar still supports hand touch, but it can remove the interference of hand when you write on the reading document.

Word Menu

Long-press on the word to pop up dictionary dialog for look-ups.

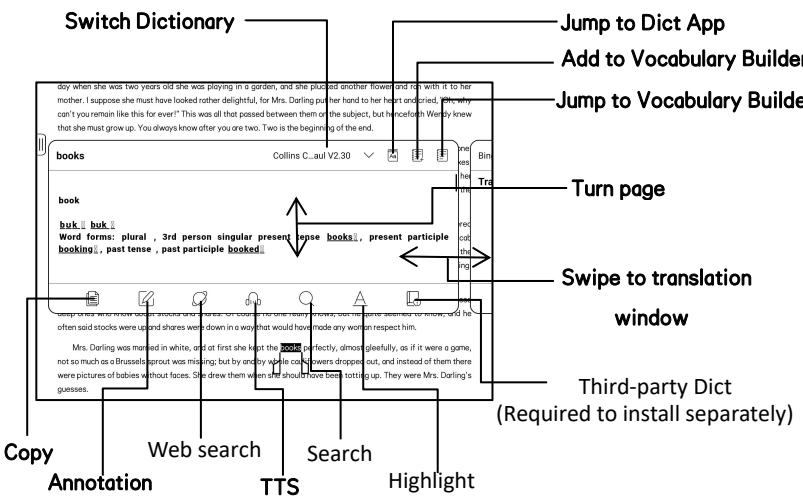
English word recognition and look-ups are supported.

Through the drop-down list on the top right of the dialog, the dictionary can be switched to others.

Users can download and install the dictionary themselves. Put dictionary file on the path root directory\dicts\xxx (e.g Storage\dicts\English-French), or download dictionary online directly.

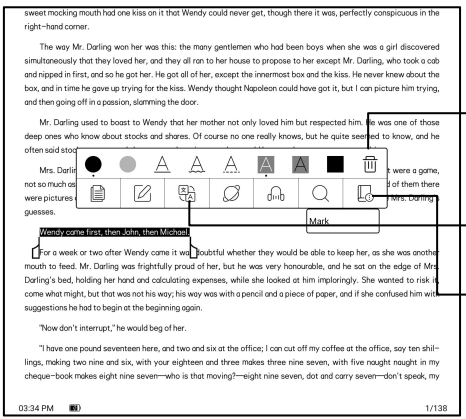
Dictionary is available to use after being installed.

Tap on any position out of the dialog to exit the dialog.



Long press on any word and drag to select the text you want to mark.

The highlight is set by default for selected text. Users can switch among highlight, underline and others, the color highlight can be in black or grey. The mark setting remains after a change. The marks before the change will not be affected.



Tap on any position out of the dialog to exit the dialog.

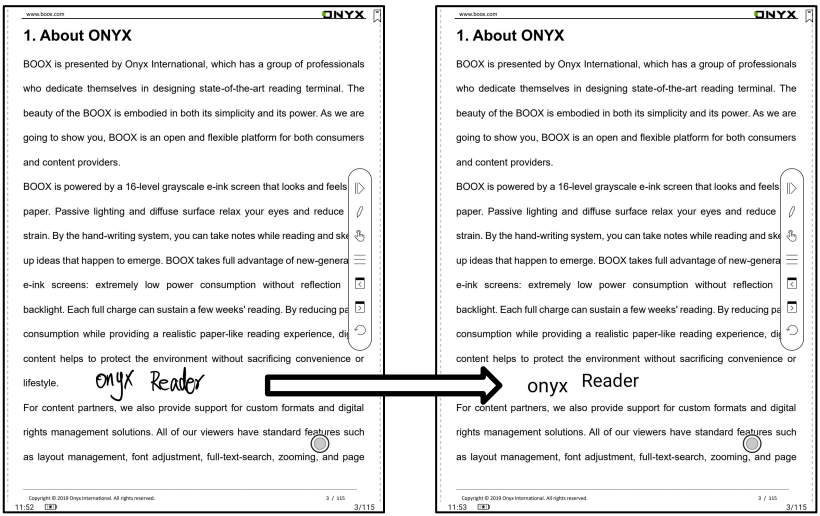
Choose “Annotation” to pop out a text box to add notes if needed.

Handwriting recognition

Double-tap the handwritten text or shapes to start AI Recognition.

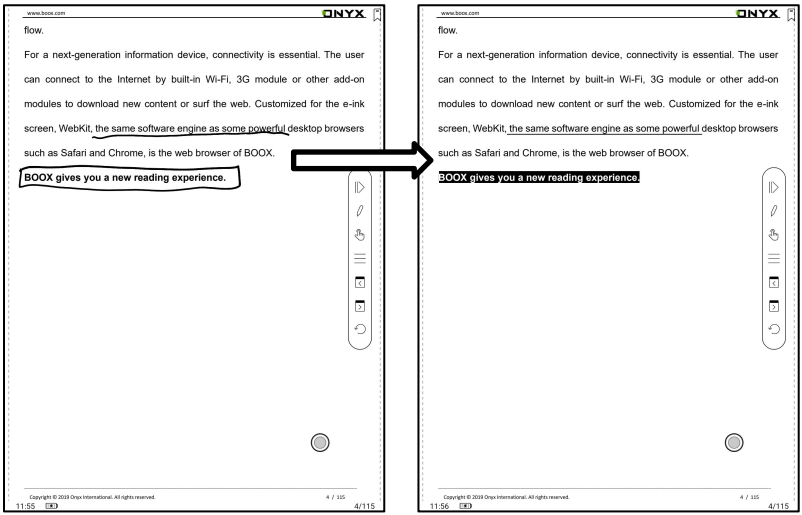
In the state where hand touch is disabled, double-tap can also be used to initiate the AI Recognition

The text and shapes with 0.5cm spacing and straight lines with 0.3cm spacing can be recognized as one content area. If the spacing exceeds either of the two spacings, the content will be recognized as a different content area.



The boxes or lines near the text can be converted into underline and highlight after being double-tapped. That offers great convenience to add highlights to the converted content.

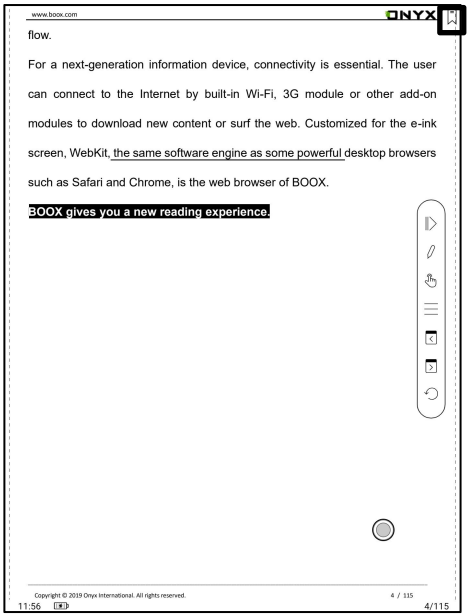
If users do not want it to be converted into highlights, you can disable this function from Handwriting recognition settings. The handwriting content will be only converted into images.



Converted to adding Bookmarks

Use stylus to click the upper right corner to add a bookmark

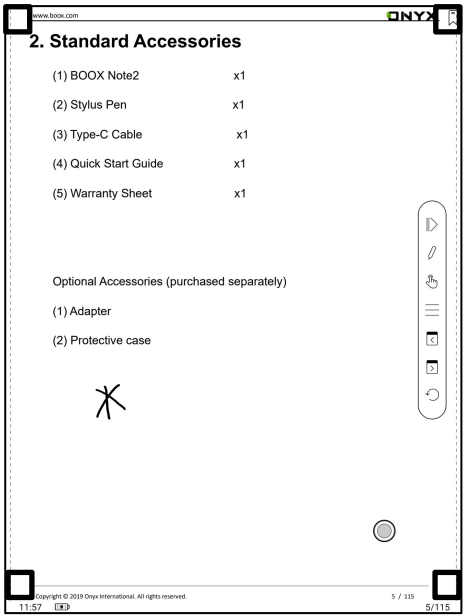
This area does not support page-turn by stylus.



Page-turns

Users can use the stylus to tap the 3 corners of the content area for turning pages. This offers convenience to page-turn when hand touch is disabled.

This function is on by default.



Bottom Menu Bar (PDF format)

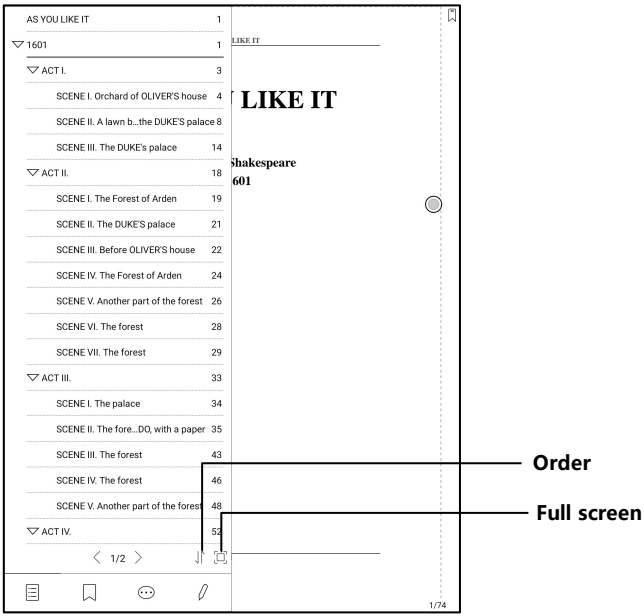
TOC, Progress, Format, Navigation Mode, and Scribble are included.

TOC

TOC contains Table of Content, Bookmark, Annotation, and Scribble.

TOC supports three-layer hierarchy. The current layer is underlined. Jump to the corresponding page when tapping any of the layers.

Tap on any position out of the TOC to exit.



Bookmarks

Without calling out the menu, bookmark the reading page by simply tapping a tag on the top right corner of the screen. Tap it again to un-bookmark the page.

The bookmarks can be checked under the path of Doc-Bookmark, where users can delete bookmarks.

Jump to the corresponding page by tapping any of the bookmarks.

Annotation

All highlighted/underlined/annotated content would be listed under the page of Doc-Notes for further searching, editing and deleting.

Jump to the corresponding page/content by tapping any of the lists.

All contents on the Annotation page can be exported in txt format. Exported files are saved under the directory folder Storage\Note\(same name as the source file).

Scribble

All scribble and sidenote can be viewed under the page of Doc-scribble for further searching and deleting.

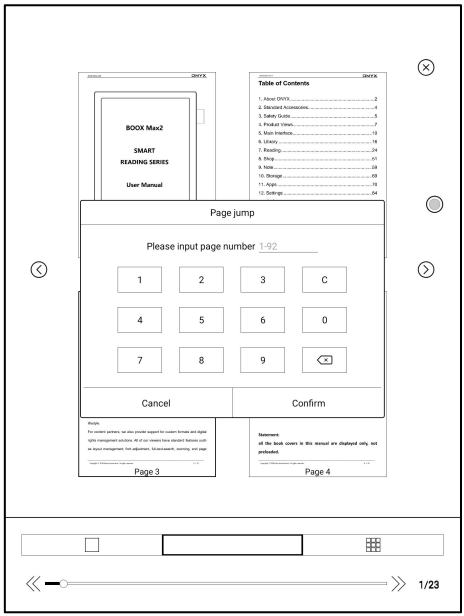
Jump to the corresponding page by tapping any of the pages.

All scribble contents can be exported in Png format and saved under the same directory folder Storage\Note\(same name as the source file).

Progress

It displays the chapter name (book name if no chapter), page progress, last/next chapter, page number, slideshow, undo, and redo.

Tap on the page number to enter a quick-flip interface. Click the page numbers again and input number to jump to the page directly.



Format

Display, Contrast, and Reflow are included. This module is just available for the E-books in the formats of PDF\DJVU\CBR\CBZ.

Display

It contains Layout, Orientation, Zoom, Crop, and Margin.

Layout: Single page, double pages 1， double pages 2 , double page only in landscape mode .

Orientation: Allowed to switch to four different orientations, the word orientation is the same as the orientation of “T”.

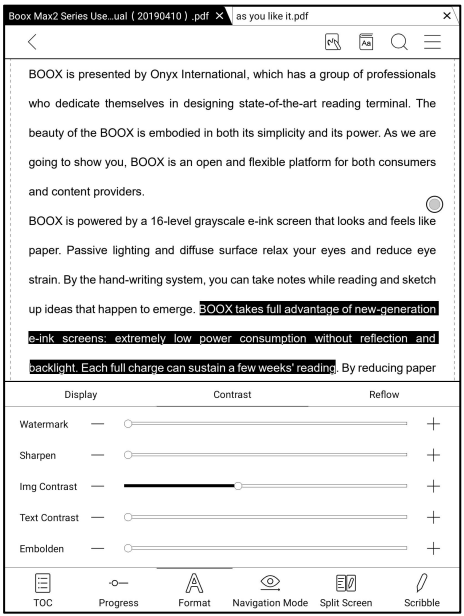
Crop: Auto-crop according to the margin set by users.

Margin: The empty space at the sides of book content for auto crop.

Zoom: Zoom in, zoom out, and partial zoom are supported. Users can also pinch fingers together or apart to zoom out or in on the reading pages.

Contrast

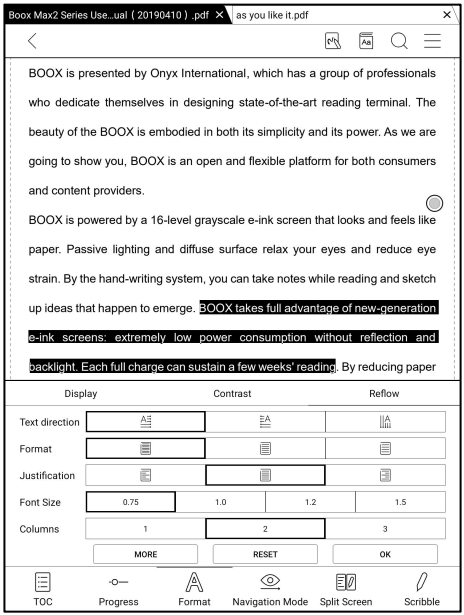
Watermark, Sharpen, Image Contrast, Text Contrast, and Embolden are included. Certain functions are just available for scanned documents.



Reflow

Reflow is only available for PDF/DJVU/CBR/CBZ documents.

Reflow allows users to further customize the layout of documents including: Line Spacing, Margin, Text Direction, Font Size, Columns, and Skew Correction (for italic documents).

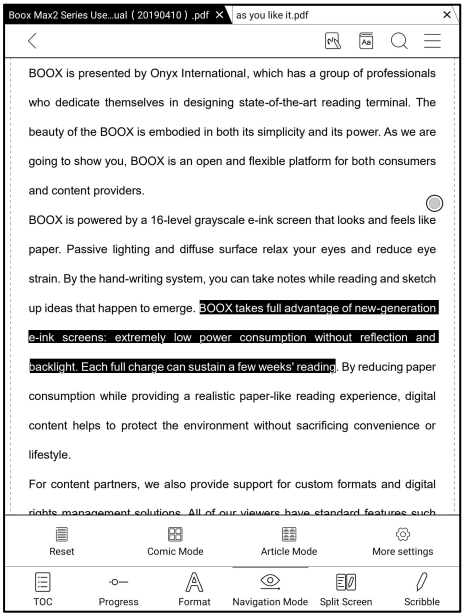


Navigation

Navigation allows users to have options of Reset, Comic Mode, Article Mode, and More Settings including Crop, Split, and Subpage Order.

Comic Mode: the screen will be divided into four subpages and the reading order is upper right – upper left – bottom right – bottom left.

Article Mode: the screen will be divided into four subpages and the reading order is upper left – bottom left – upper right – bottom right.



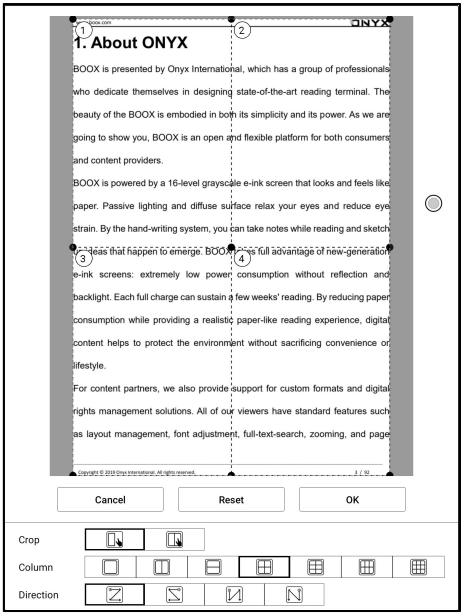
More settings

Manually adjust the settings of area cropping, page split, and subpage order.

Crop: Manually select the cropping area for single or double pages.

Split: Split the pages into specified subpages in different ways.

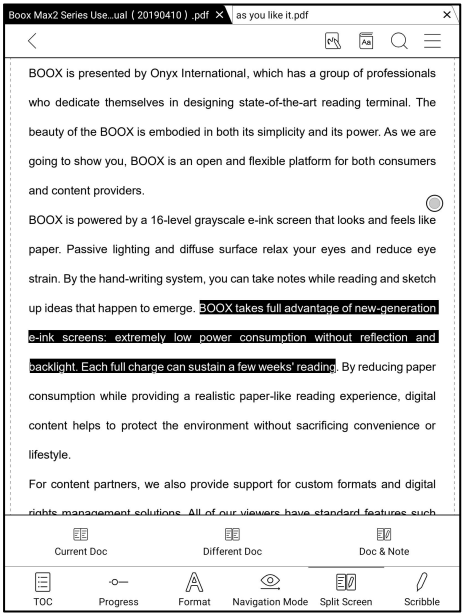
Order: Decide the initial position and reading order for subpages.



Split View

It allows to respectively open current document, two different documents, or one document & Note at the same time、Split-View（Doc & Translation）

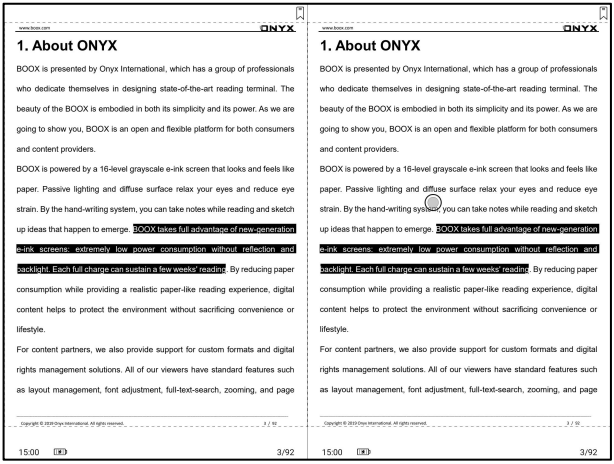
This function is only available in landscape mode, the later open document/Note will appear at the right side. The sides can be swapped.



Current Doc (same doc)

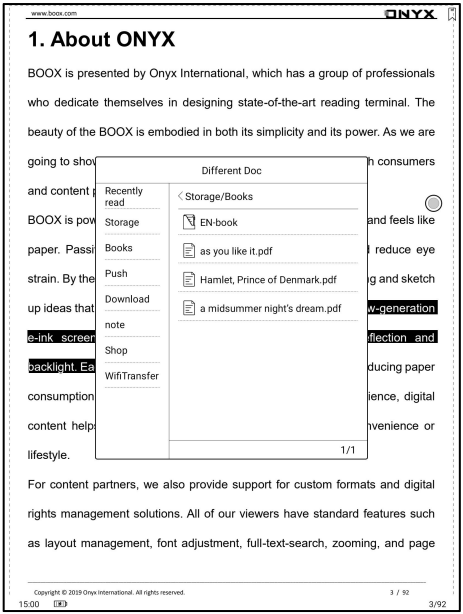
The two documents are totally independent. Users can respectively turn pages and save them.

The scribble, highlight, annotation, bookmark would be synchronized to each other after page refresh.

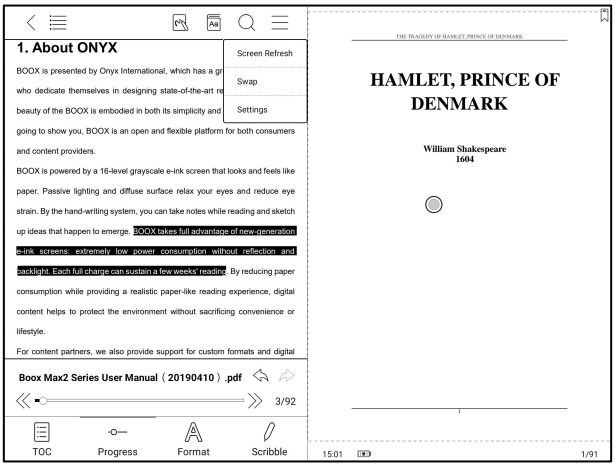


Different Docs

Choose a document different from the current document.



Similar to the Current Doc, these two documents can be respectively operated. The display is also swappable. For PDF document, please try to swap them if part of them is not writable.

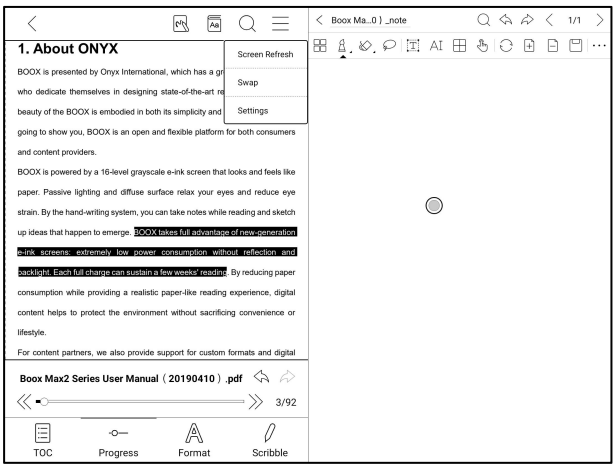


Doc & Note

Likewise, they are swappable.

And the Note will be created with a name same as the document. It associates with the document and can be edited in Note app.

Every document can only have an associated note. Changing the name of the note does not affect the association.

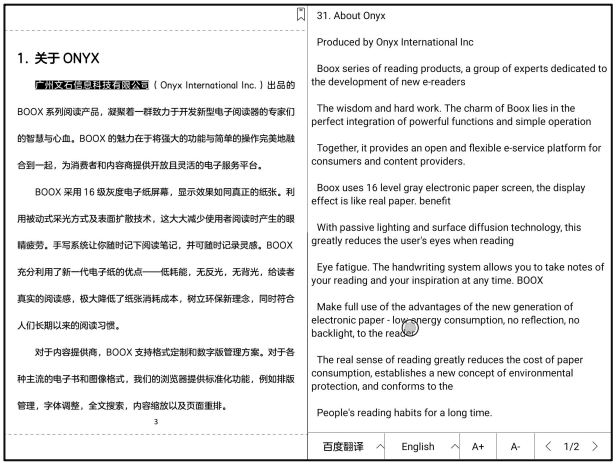


Split-View (Doc & Translation)

This supports Baidu Translate and Bing Translate and provides full page translation.

This also supports multiple target languages

Your BOOX needs to stay connected with internet

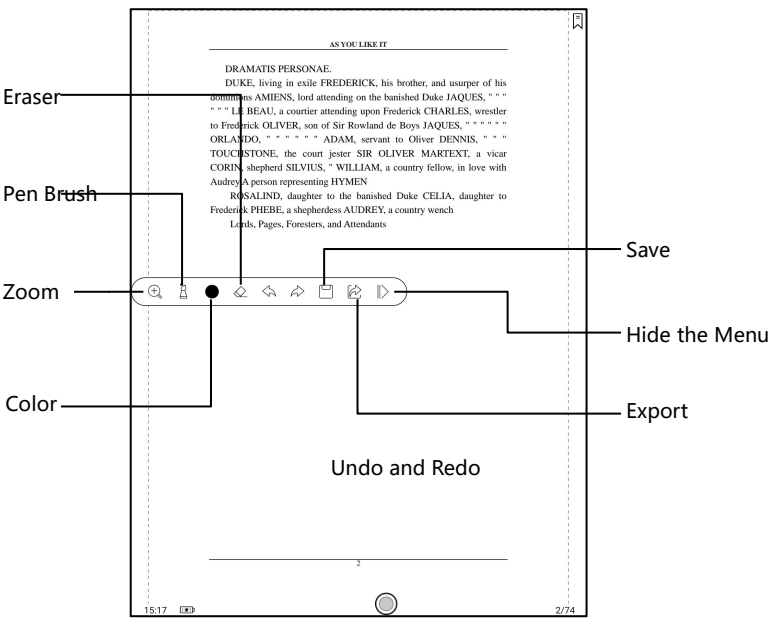


Scribble

The Scribble toolbar is floating on the screen. You can long press on it and drag it around on the screen.

Scribble is enabled by default. You can enable / disable it by tapping the Scribble icon located on the upper part of the screen.

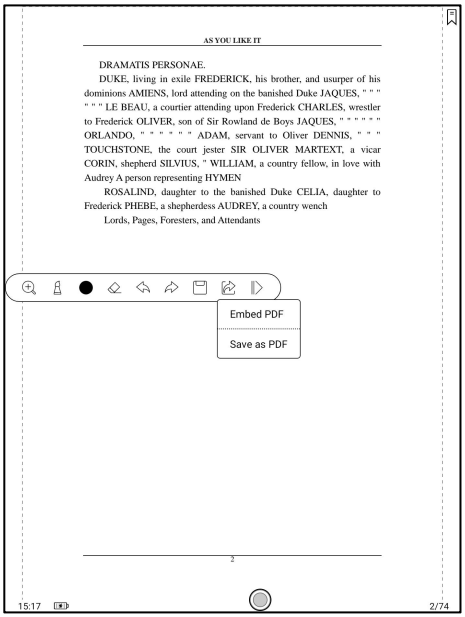
You need to pop up the Scribble toolbar by tapping the Scribble icon located on the right bottom of the screen. Or you can also enable it from the Floating Toolbar.



The handwritten notes are embedded to the original documents by default. It support to embed to original PDF and export as a new PDF.

The embedded PDF will be saved as the original document while the exported PDF will be saved as a new PDF file and retain the handwritten notes.

The embedded handwritten notes can be checked and edited on some PC applications such as Adobe acrobat、WPS、chrome. The notes can also be checked and edited on other BOOX devices.



Write and Erase

Click on the brush and eraser icons for the writing and erasing functions. Double-click them to expand the sub-menu.

In the state of stroke erasing, you need to switch to the brush for go on writing.

For the "erase all", you do not need to switch back to the brush.

Color

Black, gray, and white strokes are shown as their authentic colors. Other colors are shown as black on devices, and as their original colors after being exported to PC.

Bottom Menu (other format)

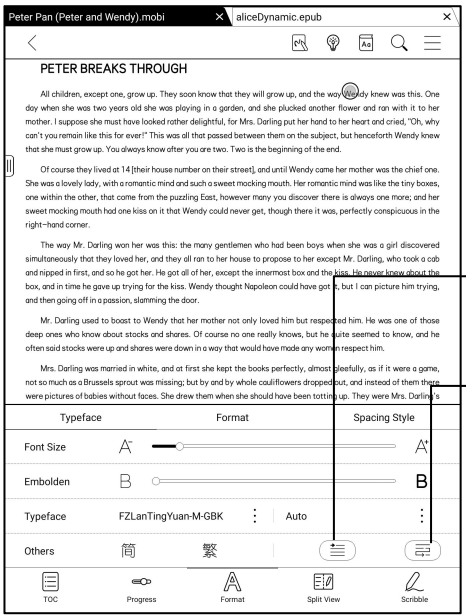
TOC, Format, Progress and Split screen are included. It supports the formats of EPUB\TXT\MOBI\AZW3,etc.

Format

The settings include Font Face, Display and Spacing.

Loading font face in the directory Storage\fronts is supported.

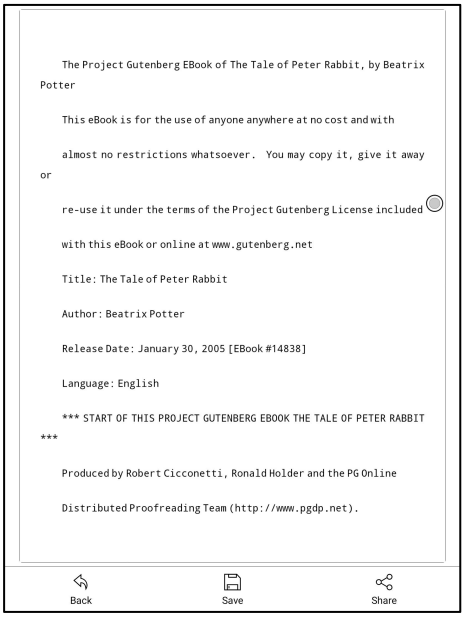
The settings for font size, font face, contrast, bold, spacing work on all newly opened documents, but not work on the documents before settings.



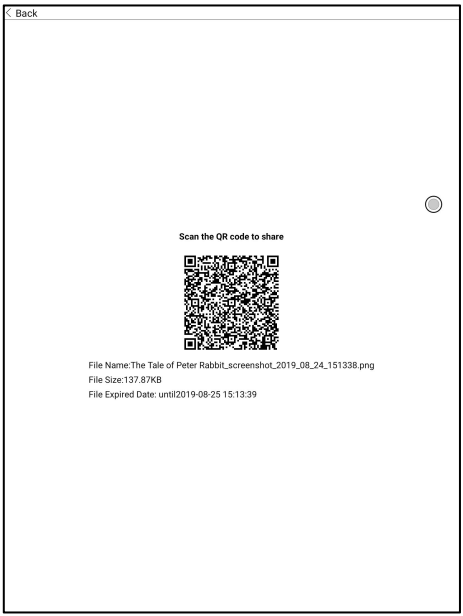
Screenshot

Diagonally tap on two corners of the screen to capture the screen in PNG format. The function is only available on the reading page.

The screenshot will be saved to the local, or shared by scanning QR code. The save path is Storage\Screenshots.



WeChat and browser scanning are supported for screenshot sharing.

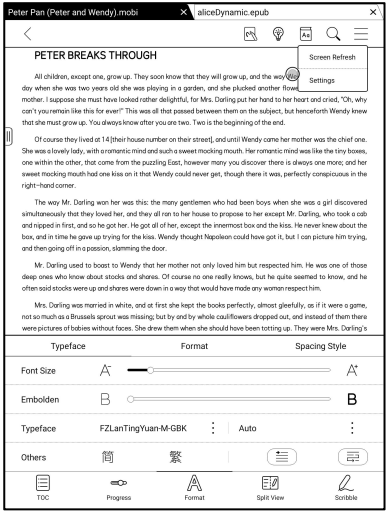


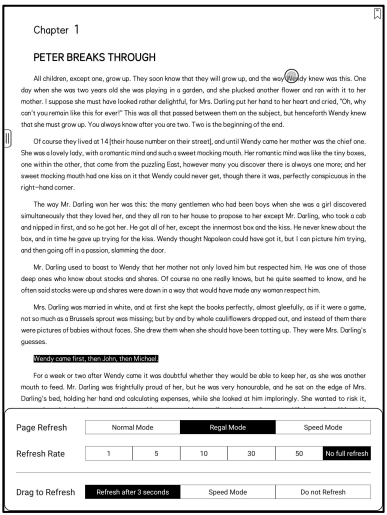
Refresh

Tap the hamburger menu located at the upper right corner to choose Refresh and other related settings of refresh

Regal refresh and partial refresh are by default

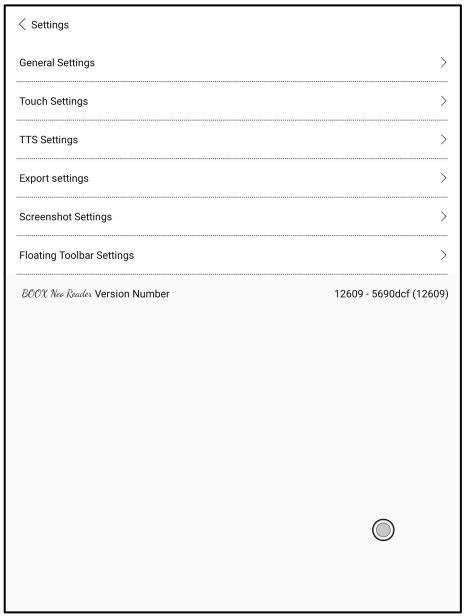
When scrolling the page, speed mode is by default.





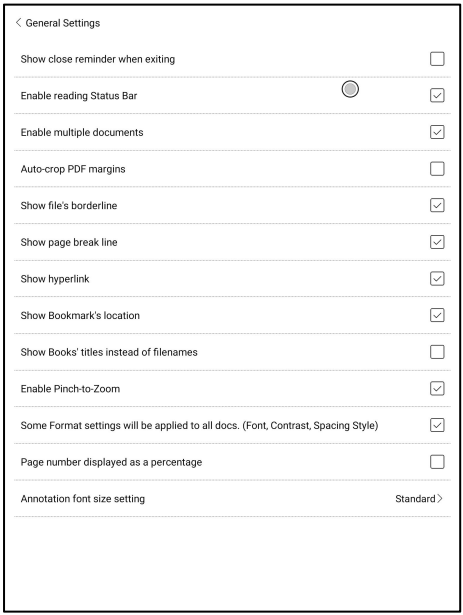
Settings

There are General Settings, Touch Settings, TTS Settings, Export Settings, Screenshot Settings, Floating Toolbar Settings、and Version Name.



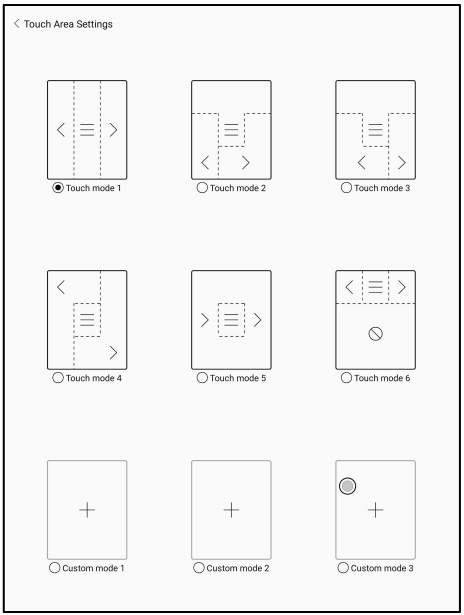
General Settings

There are Enable page close reminder, Enable system status bar, Enable reader status bar, Enable multiple documents, Show file borderline, Enable Floating Toolbar, Show hyperlink, Show bookmark position, Enable pinch to scale, Apply certain options to all documents、Annotation Font Size Setting; .



Touch Settings

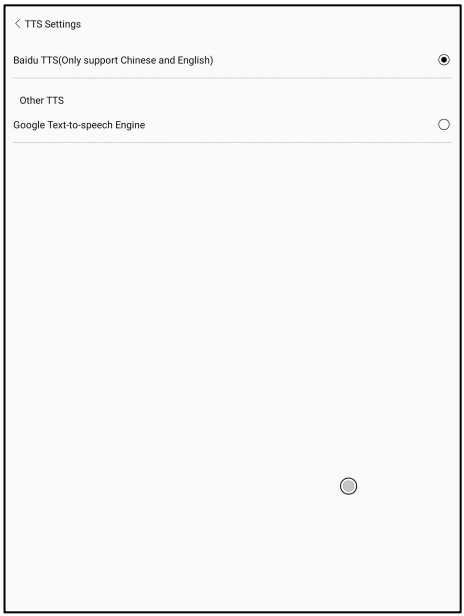
Users are able to customize the touch settings for different areas. There are six default touch modes can be chosen and users can customize three more.



TTS Settings

The built-in Baidu TTS is set by default. English is supported. A network connection is required at first use.

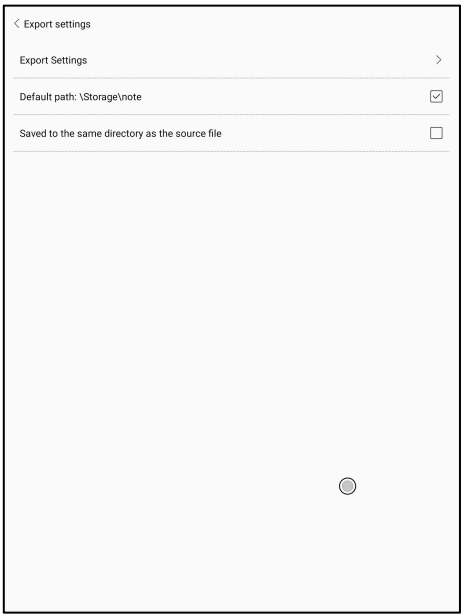
Switching to third-party TTS system is allowed. The built-in TTS settings are not synchronized with the system TTS settings. The system TTS settings work on the third-party TTS by default.



Export Settings

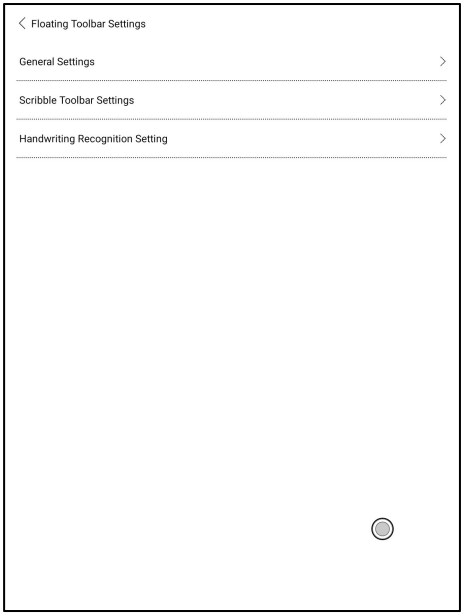
The default storage path is Storage\Note.

The export files can be also saved to the same directory as the source file.



Floating Toolbar Settings

This page offers General Settings of Floating Toolbar, Scribble Settings, and Handwriting Recognition Settings;



Floating Toolbar Settings

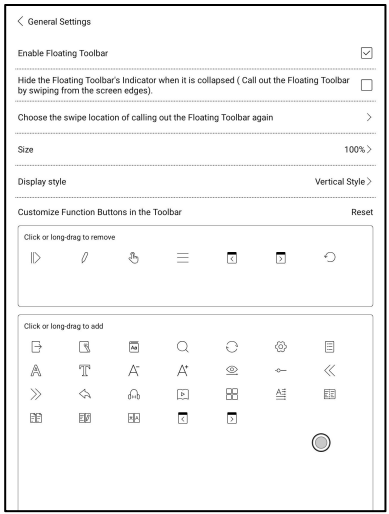
It is enabled by default and can be turned off manually. After disabled, it can no longer be called out;

It can be customized whether the indicator is displayed after it is collapsed. Call out the Floating Toolbar by swiping from the screen edges.

The Toolbar’s size, display style and functions buttons are customizable.

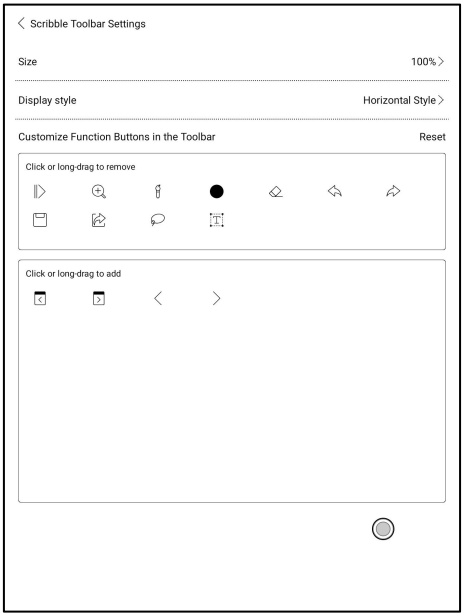
Custom function buttons support up to 11 in horizontal style and up to 14 in vertical style;

Press and hold the function button icon to display the definition of the function button;



Scribble Toolbar Settings

The Toolbar’s size, display style and function buttons are customizable.

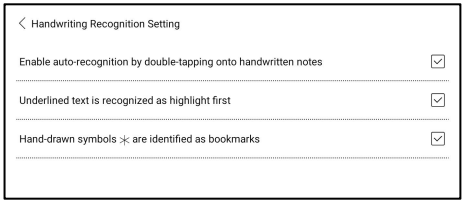


Handwriting Recognition Settings

It is enabled by default and can be disabled manually. After disabled, it will no longer support double-tap recognition

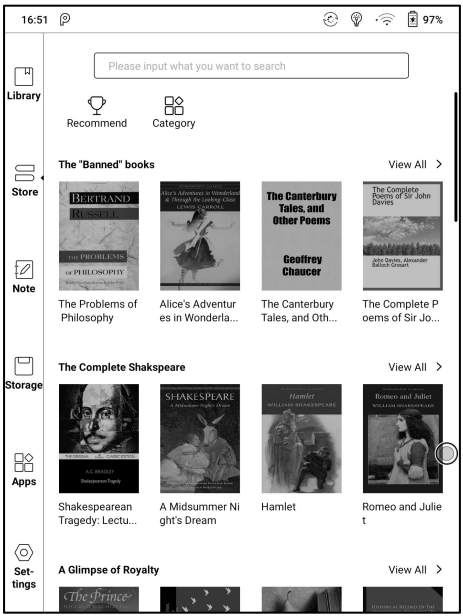
The underline can be recognized as highlight first. It is enabled by default, and it can be turned off. After it is turned off, it is only recognized as an image;

You can set the recognition of hand-drawn symbols as adding bookmarks. It is disabled by default and can be manually enabled. After enabling, double-tap recognition of the symbol will automatically convert to adding bookmarks;



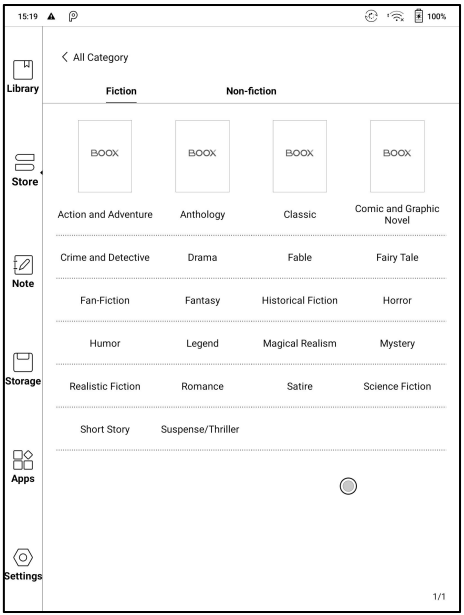
8. Store

In the language of non-Chinese, the Store is offering free publications E-books from the Internet.



Category

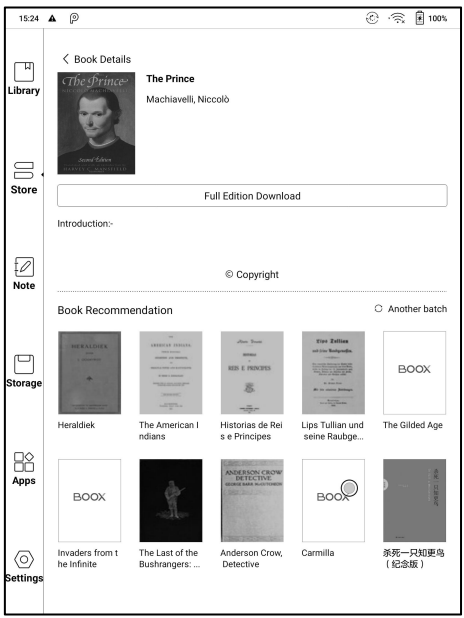
Books can be screened according to different categories.



Book Detail

Click a book cover to open up book detail. The specific book information.

Click “Full Edition Download” to download the book, then you can see this book cover in Library .

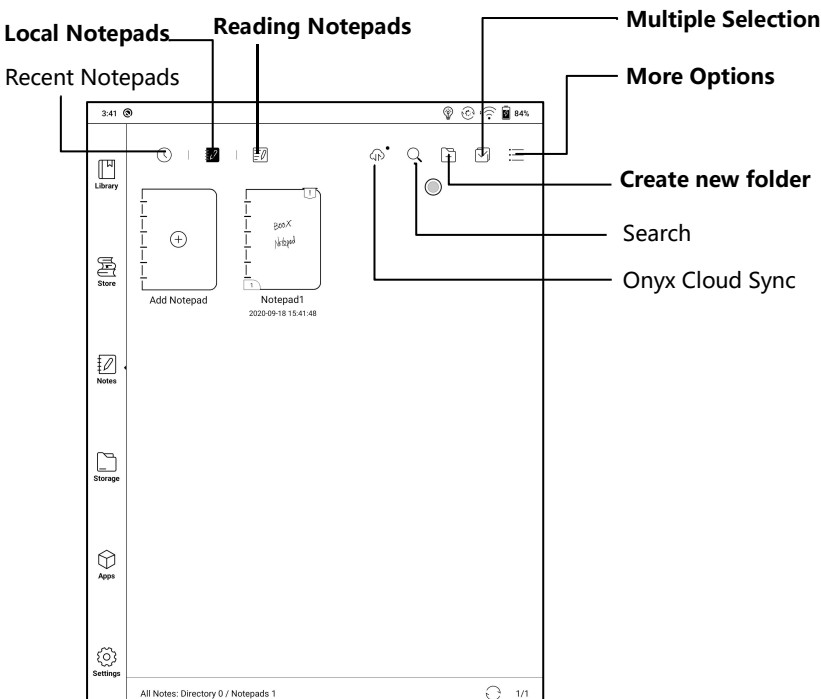


9. Notes

This includes Recent Notepads, Local Notepads, and Reading Notes.

Recent Notepads include 12 Notepads that have been opened recently, including local notepads and reading Notes

The Reading Notes include the Notes created under Split View when users are reading books.



Cloud Sync (in bulk)

Notes Cloud Sync requires logging in to Onyx Account.

The individual notepad can be synced automatically when being exiting or opening. Go to More Options / Notes Sync Setting to choose whether to enable this function. The Notes will be automatically synced when exiting by default.

Sync in bulk, including Notes list, all Notes. Users can manually sync all notes in bulks.

Cloud Sync includes two-way sync between Cloud end and BOOX device. When there is any change to the Notes on either end, the other end will sync all the changes.

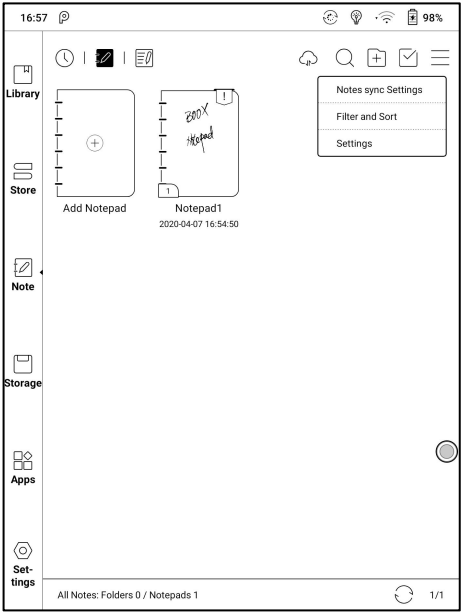
The deleted Notepads can be recovered within 10 days from website trash bin. If you delete the notepads by mistake, you can recover them from the trash bin, which will be emptied after 10 days.

After Notes are synced, users can check the synced notes from push.boox.com by logging in the same Onyx Account.

Currently PDF templates can not be synced and only PNG templates can be synced.

More Options

It includes Notes Sync Setting, Filter and Sort and Settings.

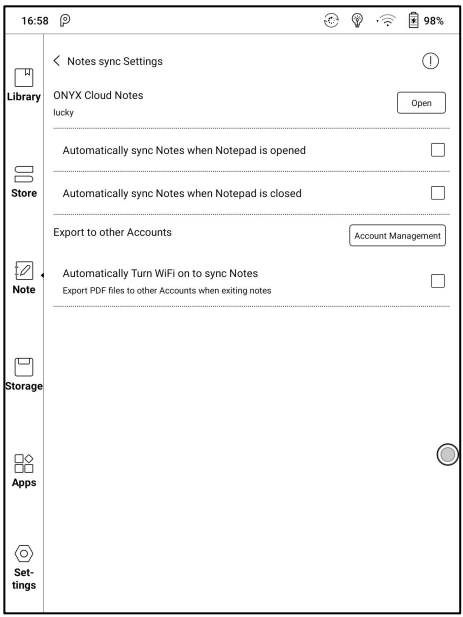


Notes Sync Setting

This includes ONYX Cloud Notes and export to other accounts.

When you export the Notes to third-party Accounts, the Notepads will be in PDF format and can not be edited.

If you export your notes to other bound accounts, the notes will be automatically synchronized to other bound cloud accounts of yours when you exit the Note. The sync icon is only applicable for the ONYX account cloud sync.

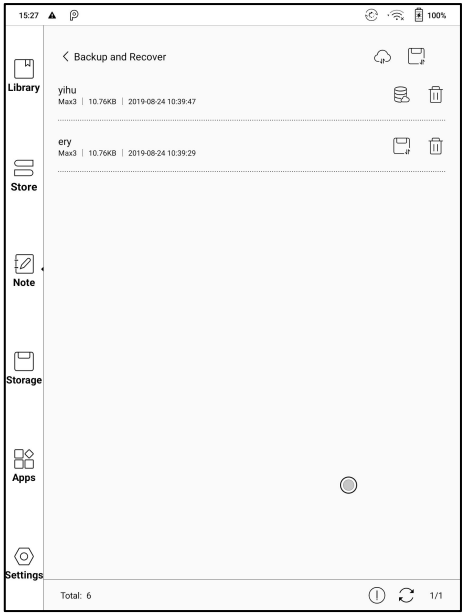


Backup and Recover

It supports backup and recover for handwritten documents in local or to the Cloud.

To delete backup files is allowed.

Note: The action Recover will recover the backup data, which will cover the current data. Please be careful.



Settings

These are general settings for Stylus Calibration, Account Sync and Backup, AI recognition, Note password settings, Show Erasing Trace, Auto-turn on Wi-Fi to sync Notes, Auto-generate PDF documents after exiting Note, Auto refresh after lifting stylus.

If this device is bound with third-party accounts for file sync, and Wi-Fi is connected, the Note files will be auto-uploaded to the accounts with a PDF or PNG attachment.

If "auto-turn on Wi-Fi to sync Notes" is enabled for notes sync, the device will connect with Wi-Fi automatically and sync notes to the Cloud when exiting the Note app. If it is disabled, users need to sync to account manually by clicking an upload icon on book covers.

For the "Auto refresh after lifting stylus", the display would refresh after users lift stylus away from the screen, making the strokes smoother.

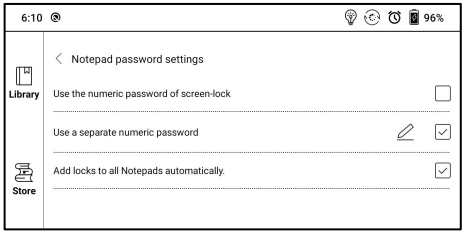
Note Password Settings

This password is only used for protecting files on the device, not encrypting files. So the password does not work out of the device. Now this function does not support multiple passwords for one file.

This function supports specific password, which are available for all note files. Users can also set a specific password for a single file. To add, edit and remove password are allowed here.

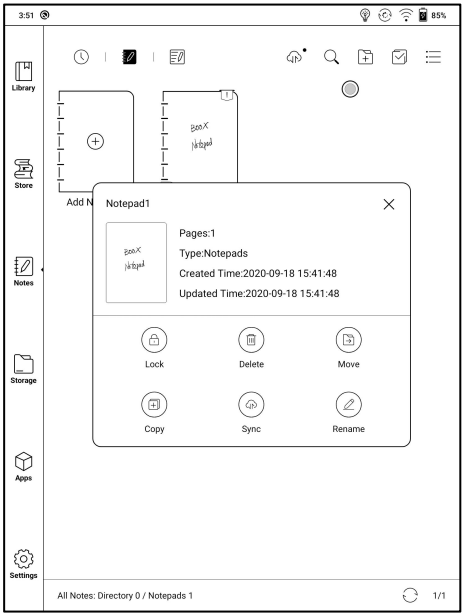
The specific password can be different from the system password.

You can select whether to add locks to all Notepads. If you deselect this option, you need to add locks to each Notepad manually.



The note file has no cover thumbnail after locked.

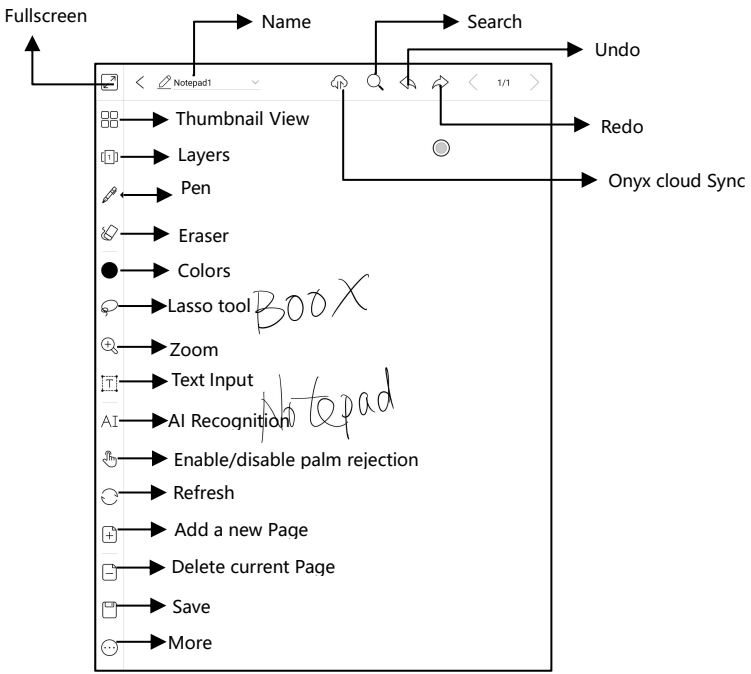
Long-press the note file to remove and add password in the dialog.



Scribble Interface

Files can be saved automatically and manually when to quit the Note.

Tap on the page number to jump to the specified page quickly.



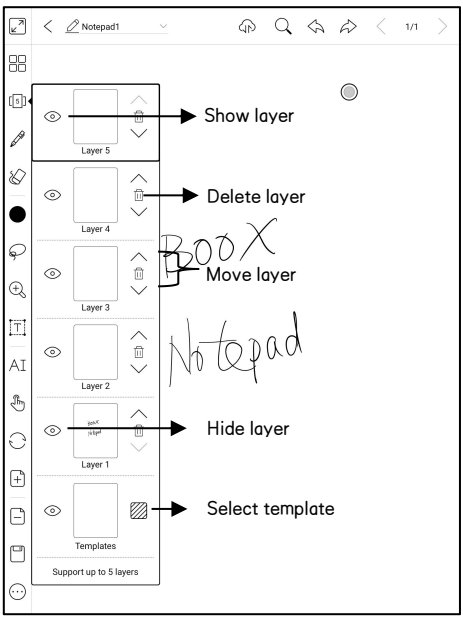
Layers

This supports template layer, 5 custom layers, hiding and adjusting layer order.

Hidden layers will not be displayed during export and recognition;

Templates can only be added at the template layer, and the template layer cannot be deleted;

You can add 5 custom layers to the inserted images



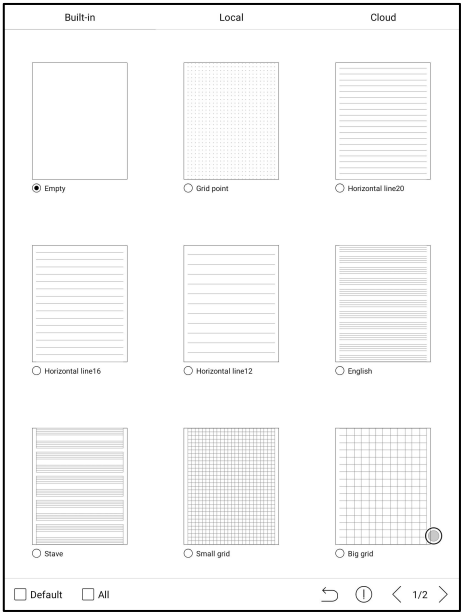
Template

It includes built-in templates, local templates (PDF\PNG format) and the Cloud templates.

The directory of the local templates is Storage\note Template.

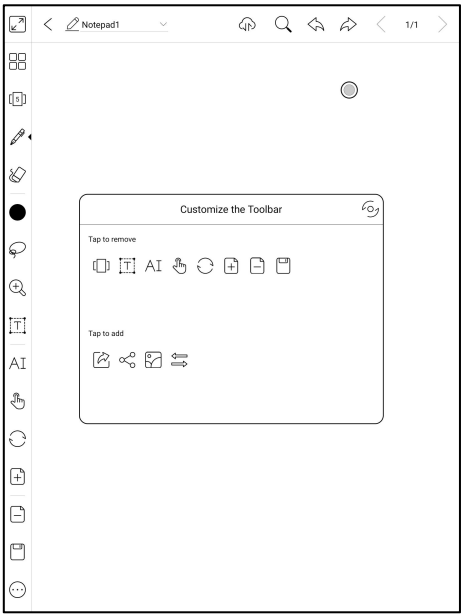
The directory of the templates downloaded from the Cloud is Storag\noteTemplate\cloud.

The built-in templates will be used if the local template are deleted.



Custom Toolbar

Besides the default tools like scribble, erase, fullscreen, select, users can add, remove, adjust other tools on the toolbar.

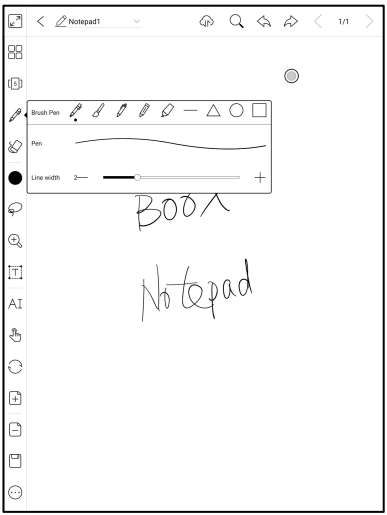


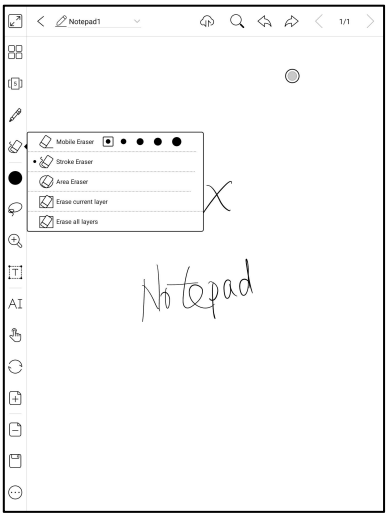
Write and Erase

Click on the brush icons for the writing and erasing functions. Double-click them to expand the sub-menu.

In the state of stroke erasing, you need to switch to the brush first and then write.

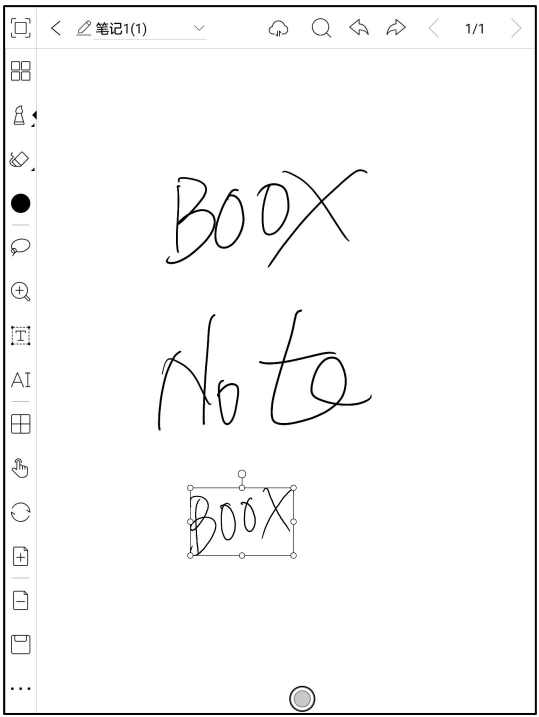
For the “erase all”, you do not need to switch back to the brush.





Lasso

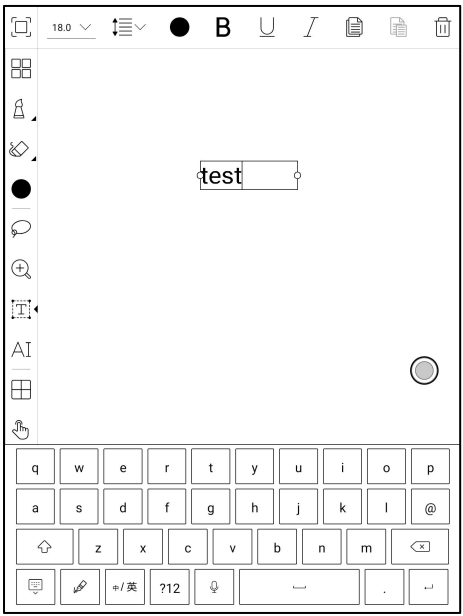
In the Lasso mode, circle an area on the screen, then users can zoom, move, duplicate and remove the selected area.



Text Input

Users are allowed to key in words on the note by a Bluetooth keyboard. The input box can be moved everywhere.

Users can adjust the font, line spacing, bolding, underline, italic, copy and delete.



stylus touch for icons is desensitized by default, so it is better to use your fingers to adjust the position of the Navigation Ball;

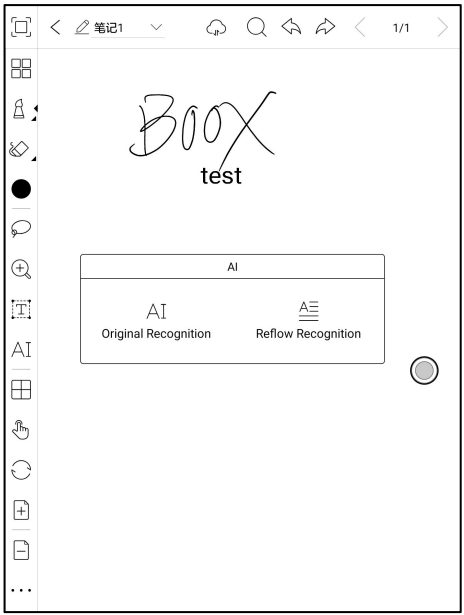
when using full-screen the square icon to exit full-screen mode.

AI Recognition

Click the icon “AI” to switch to recognize the handwriting text. English is supported. To download the corresponding language package is required for other language recognition.

This function contains original recognition and reflow recognition.

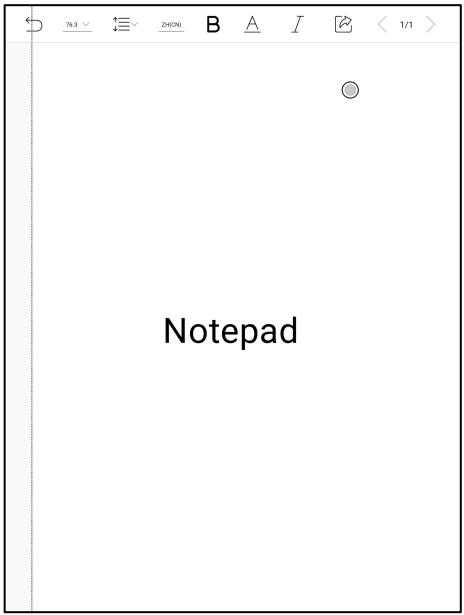
Original recognition only does conversion but not changes the position of words, while reflow recognition reflows words after conversion. Users need to manually add space, line break and font size.



The text flows automatically after reflow. Users can manually make space, newline, and font size after that.

The accuracy of recognition depends on how normal the handwriting is.

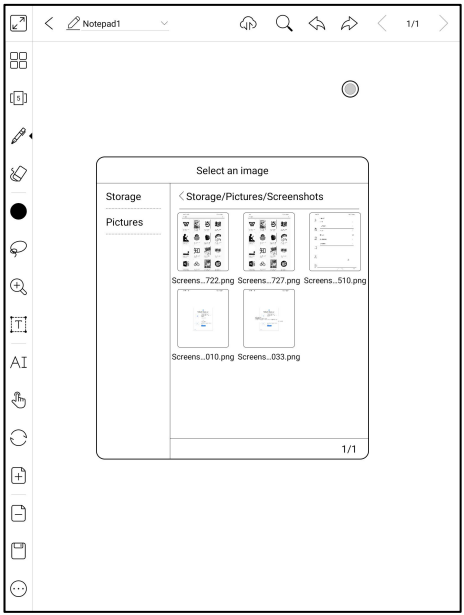
AI recognition works based on the handwriting. If the handwriting content changes, please re-enter the function to let it convert once again. For saving the converted content, please export it.



Insert Image

Users can remove, zoom, duplicate the images inserted from the local.

Select the image and then edit.



Share

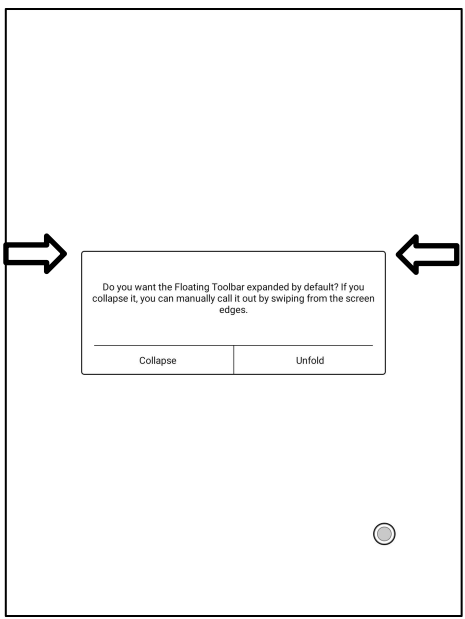
Share all pages of a note in PDF format or current page in PNG format.

Full screen mode of Notes

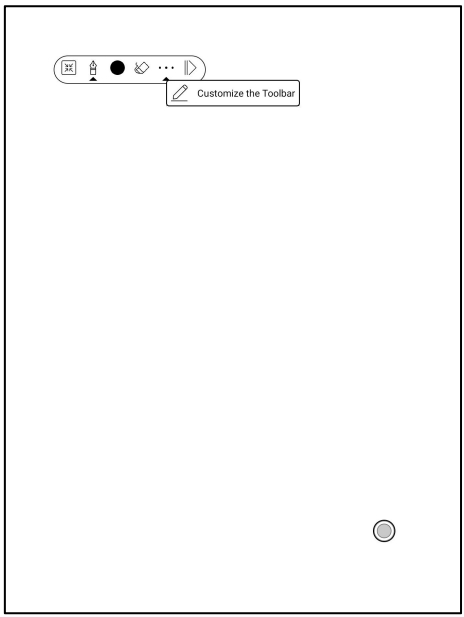
When you switch to full-screen mode, you can choose whether to display the Floating Toolbar.

When it is collapsed, you can call it out by swiping from the screen edges.

Note: The full-screen mode is an independent note-taking mode. If you exit, you will exit the Notepad directly. If you need a non-full-screen mode, you can switch on the Toolbar;

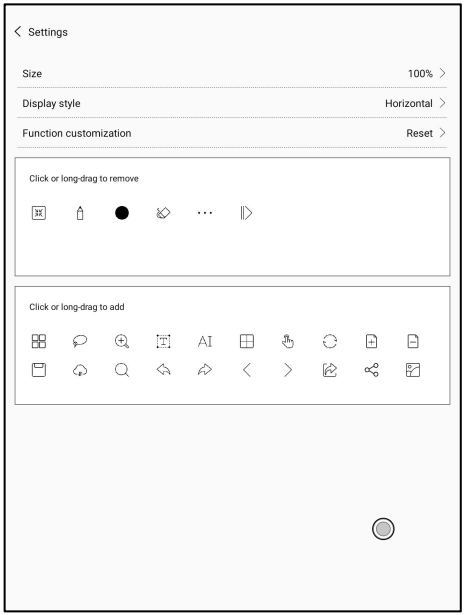


The default Floating Toolbar only includes Fullscreen, Pen, Color, Eraser, Collapse, and More. You can tap the “More” icon to customize the icons on the Floating Toolbar.



Floating Toolbar Settings

The Toolbar’s size, display style and function icons can be customizable.



10. Storage

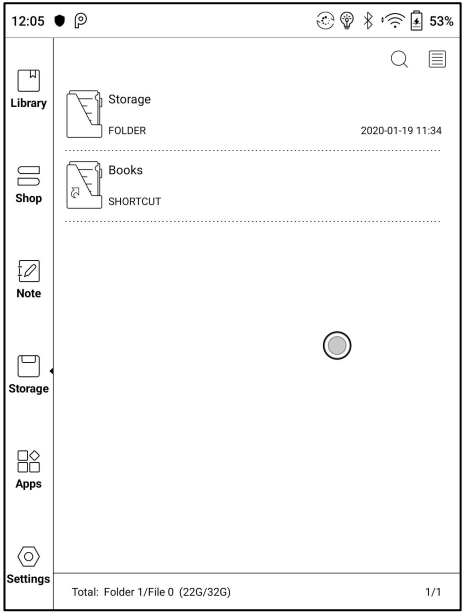
Storage displays all files from internal storage.

Files will be displayed in alphabetical order by default. It can be switched to file type, size, create time.

The files can be viewed in thumbnail or list. Multiple selections are allowed.

Users can customize shortcut for folders in storage and place it in the storage interface.

The way to make a shortcut: long press the folder > set a shortcut.

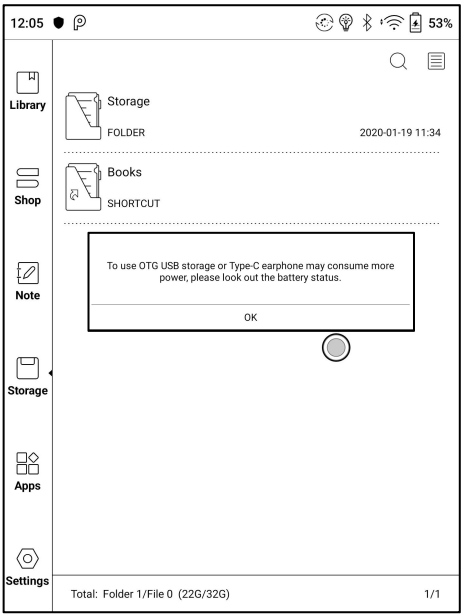


OTG

OTG is supported. Users can connect the device with USB drive through a Type-C cable. The device will detect USB drive afterwards.

The OTG feature would consume more power since it supply power to a USB drive.

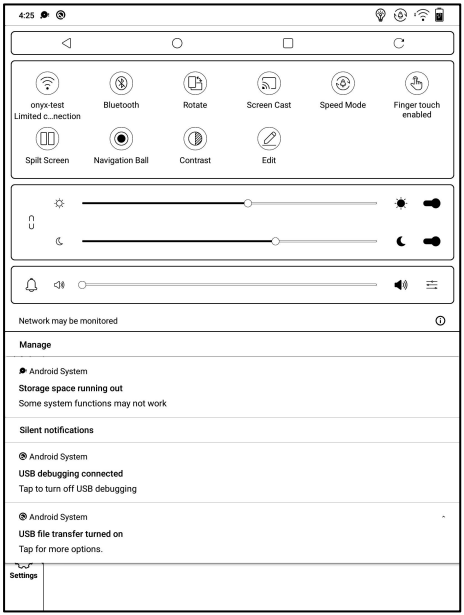
It supports Type-C earphone but not TYPE-C transfer 3.5mm adapte earphone.



Low storage space warning

Please reserve at least 300M of available storage space to ensure the normal operation of the system and saving related data;

When it is lower than 300M, a warning icon will be displayed in the system bar, indicating that the storage space is insufficient;

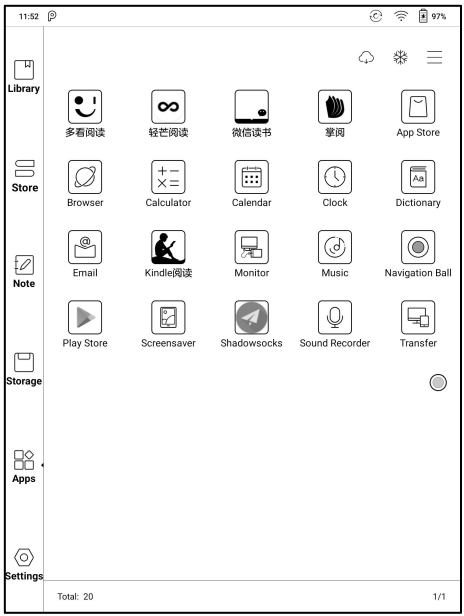


11. Apps

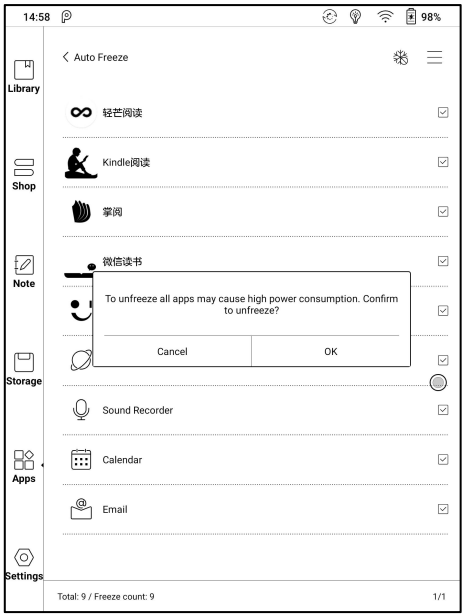
All installed apps are displayed in alphabetical order A-Z by default. Users can choose their preferred order.

Long press on each APP icon to pop up the Apps menu to delete or optimize.

Pre-installed apps on devices are not allowed to delete.



“Fetch remote optimize config” and “one key to freeze” to the third party apps helps to get a better user experience and save power.



Navigation Ball

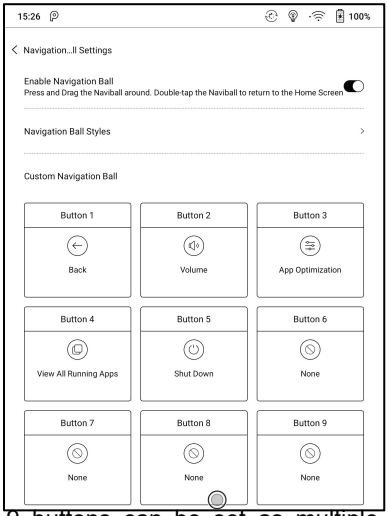
Navigation Ball is a circular ball that floats above all the apps on the screen. 9 buttons can be customized.

Single click on the ball to expand and collapse navigation menu.

It requires to turn off and on again after the new button settings.

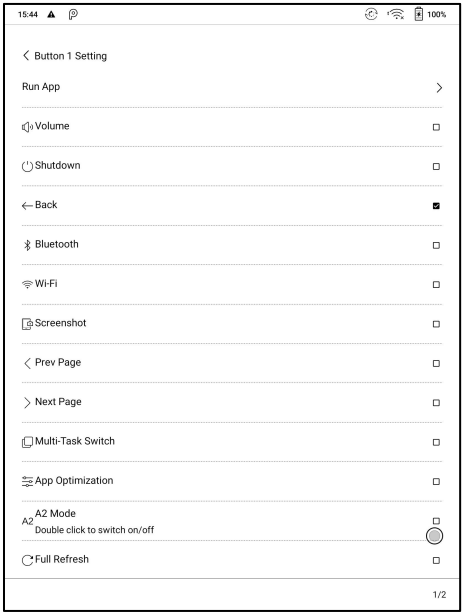
The Navigation Ball by fault is in Fan-shaped style. You can choose other display styles (Horizontal Style, Vertical Style) from Navigation Setting. You can also adjust the transparency of the Navigation Ball.

This supports to set as a resident button. After being set as a resident button, the button will always be floating on the top layer;

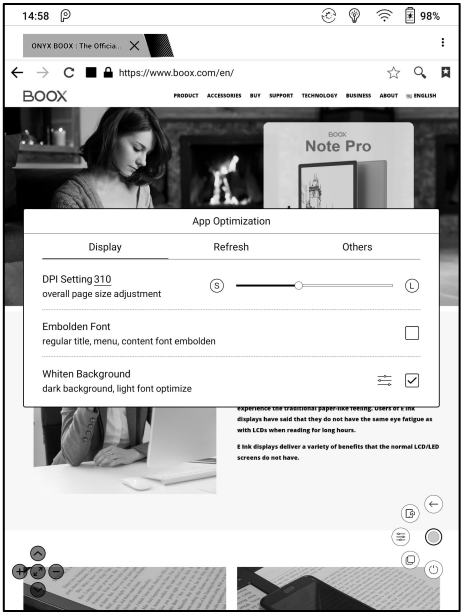


The 9 buttons can be set as multiple common functions including system

operation, app switching, app optimization and so on.

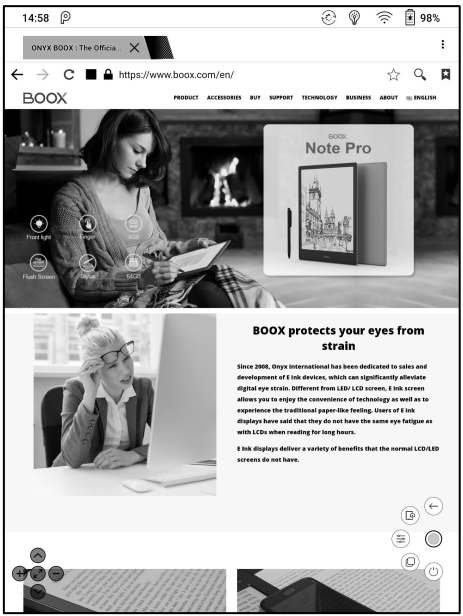


The app optimization can be called out in an app through the Navigation Ball, for real-time review after optimization.



App Optimization

App optimization auto-runs after third-party apps installed. When you want to modify the parameters again, you can run the app and optimize it by Navigation Ball, or fetch a configuration from the Cloud.



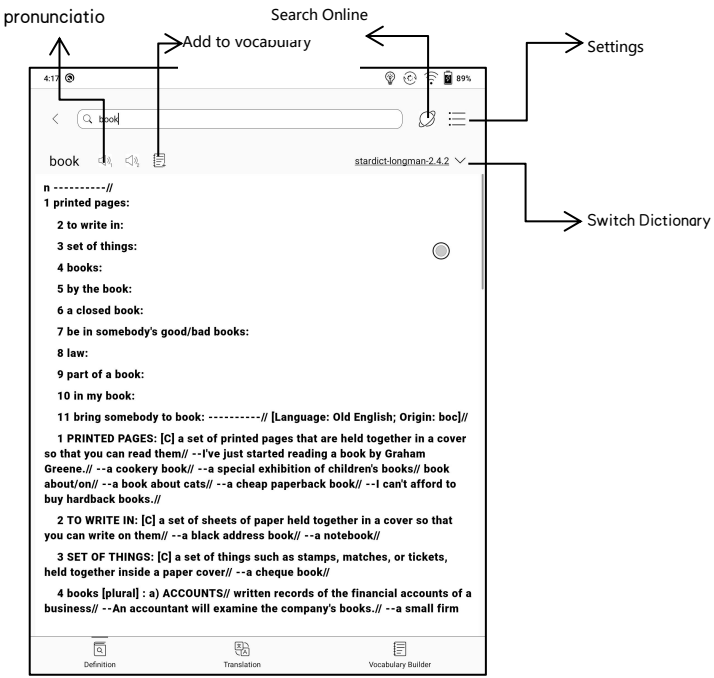
Third party applications can be optimized by several settings includes dpi, contrast, color filter, refresh mode, animation filter, etc. More optimization options will be provided later.

Dictionary

If users use dictionary apps the first time, to download dictionary package to local will be asked.

This function requires network connection.

Word pronunciation needs a dictionary file comes with voice files, currently TTS is not supported.



Users can install dictionaries themselves by putting the dictionary files to

designated directory Storage\dicts\.

Please save the files under a folder, e.g. dicts\English–English Dictionary.



For the preferred dictionary settings, users can select up to 10 preferred dictionaries. Users will be asked to select again if the select number is less than 1 or more than 10.

After dictionaries are installed, users can look up new words in the search bar. Switch between different dictionaries by tapping a corresponding

dictionary title on the bottom.

The search result is in terms of the related dictionary. If the word is unfound, try to use other dictionaries.

Looked-up words can be added to Vocabulary.
Users can divide the Vocabulary into groups. The words will be saved into the specified group once the group is selected.

Wi-Fi Transfer

This module contains Wi-Fi transfer and push.

Wi-Fi transfer allows to transfer ebooks to the device.

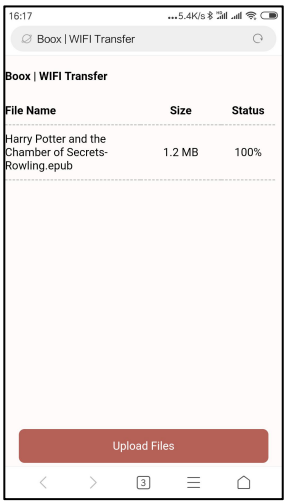
Please ensure that your PC or Android Phone and the device are in the uniform LAN, enter the provided IP address in a browser or scan the provided QR code to accomplish ebook transfer.



The ebooks are stored in a default path: \WifiTransfer.

Check the transfer list in“WIFI Transfer History”. You may delete the transfer history then the local files in the device would be deleted and vice versa.

Certain browsers may omits file suffix. This function does not support that kind of files. Please use other browsers (like UC, Chrome).





Push

Wi-Fi transfer allows to transfer files from PC to Boox device.

Website end address: **push.boox.com**

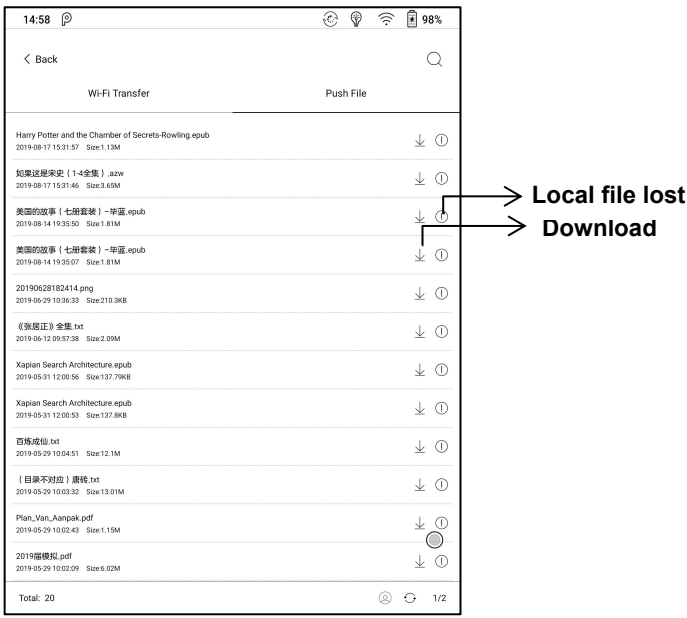
Transfer through the website auto-generates files in Epub.

To use it for the first time, you need to log in ONYX account and bind the Boox device with PC end. One account can bind with multiple devices. The size limit is 200M for every pushed file .



Push History

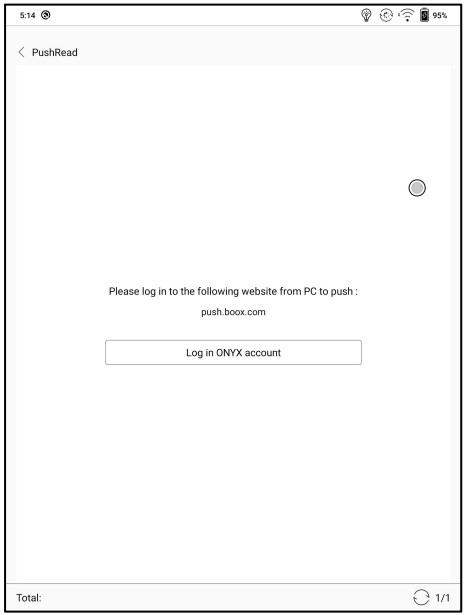
The history is ordered by time. To delete files in local is allowed. And you can also re-download them to the local from the Push History.



PushRead

From the Subscription section of push.boox.com or BOOX Assistant, you can enter a webpage address, push it to your BOOX, and read the page in html format.

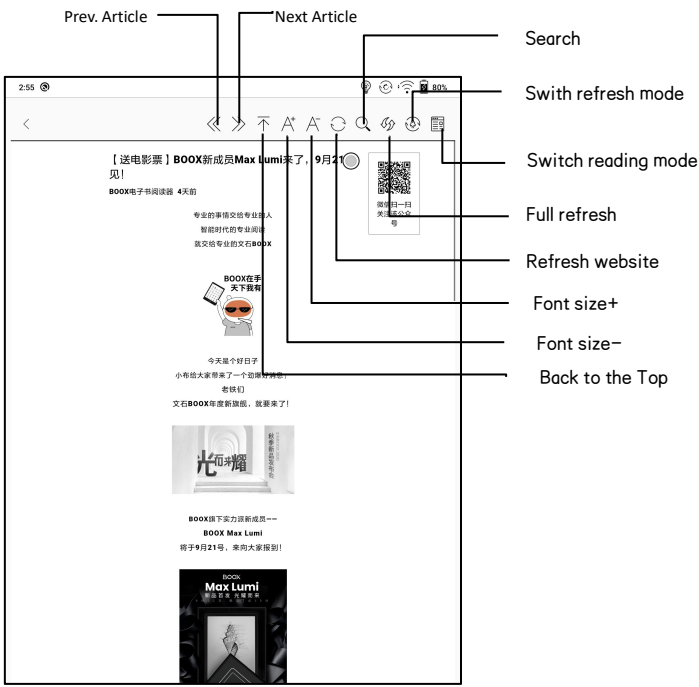
To use the PushRead for the first time, you need to bind the same ONYX account on the website push.boox.com and your BOOX;



You need to connect your BOOX with Wi-Fi to download the pushed URLs for the first time. After loading once, it can be read offline later;

The layout of the content page defaults to Browsing Mode (the layout of the original web page), and you can choose to switch between Browsing Mode and Reading Mode from the More Menu;

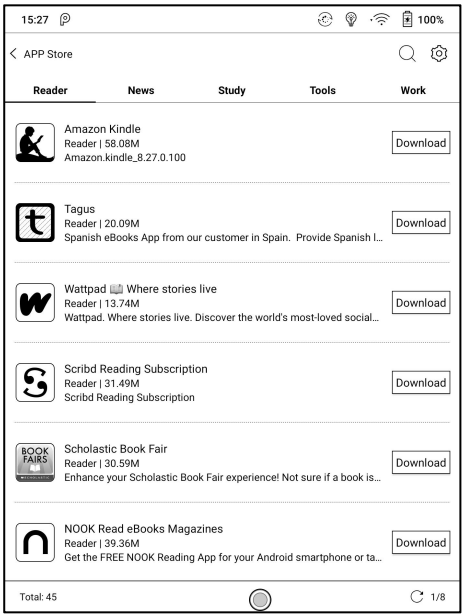
The Reading Mode is a single page mode, tap the page to turn the page directly;



App Store (E-ink)

There are some usual third-party apps provided here. These apps are free versions from developers and their compatibility are not verified as full to the system. Paid apps download is not supported for now.

Users can choose to delete the installation package automatically after Apps are installed.



Screensaver

The screensaver and shutdown image can be customizable. The shutdown image only supports image formats.

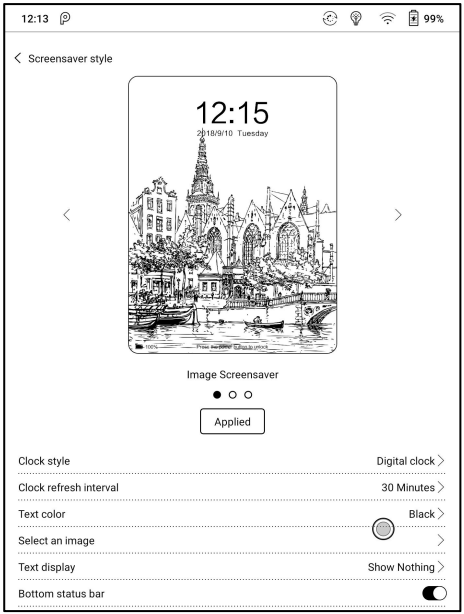
Screensaver style

The Image Screensaver is by default.

The screensaver supports Image Screensaver, Poem Screensaver, Words Screensaver, Calendar Screensaver, or Transparent Screensaver.

The clock, text, and Bottom Status Bar can be added to the other screensavers aside from the Transparent Screensaver.

Clock refresh intervals are customizable. After the clock is added to a screensaver, a certain frequency of refreshing screen will be retained in the standby state, and the automatic shutdown timing cannot be supported.



In Image Screensaver, when a single picture is selected, the screensaver is a fixed picture. When multiple pictures are selected, the screensaver will be shown in carousel format;

The Bottom Status Bar can display the battery status and lock screen status;

Calendar Memo

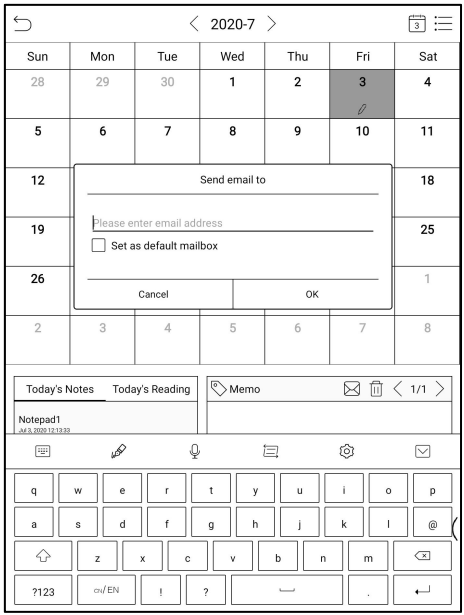
The calendar Memo can display the notes and reading records under the current date. You can open the notes or documents directly by tapping the records;

You can add handwritten notes as a memo, which can be set as a screensaver. Please go to Screensaver / Calendar Screensaver Setting for more details.

The content of Calendar Memo temporarily does not support the synchronization.


2020-7
Sun
Mon
Tue
Wed
Thu
Fri
Sat
28
29
30
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
1
2
3
4
5
6
7
8
Today's Notes
Today's Reading
Notepad1
Jul 3, 2020 12:13:33
1/1
Memo
1/1
Memo

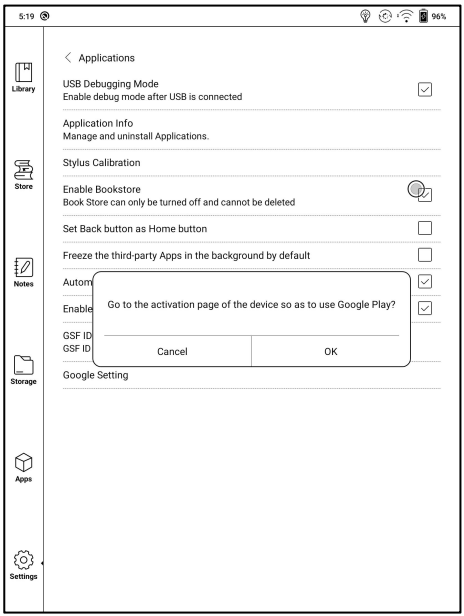
After logging in to the ONYX account, you can use the mail function to send the contents of the Memo to the designated mailbox as a PDF attachment;



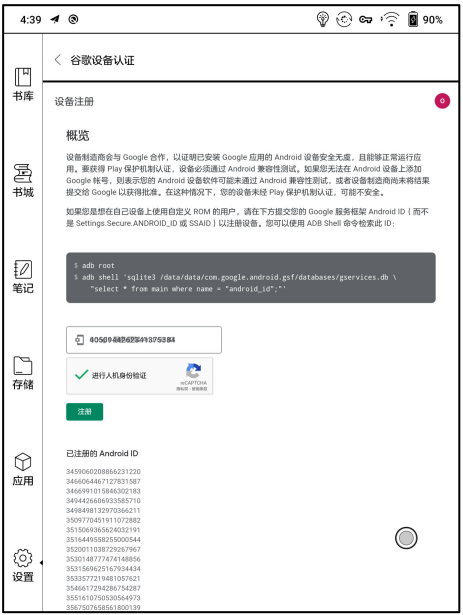
Google Play Store

1.Connect your BOOX to the Internet. You will need to log in to the VPN if you are in mainland China. Please ensure that the VPN network is working and can connect to data;

2.Go to Settings / System Settings / Application Management / Enable Google Suite, tap GSF ID, then log in to Google account;



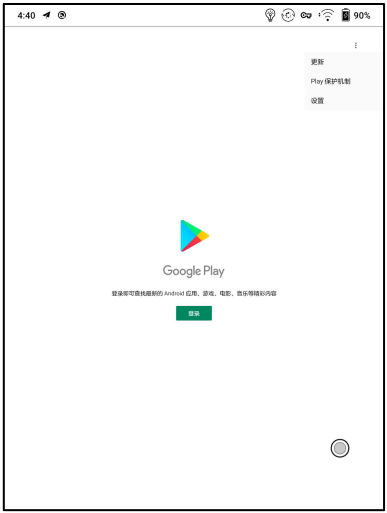
3.Verify your identity, then tap “register” (Google Frame ID is automatically obtained);

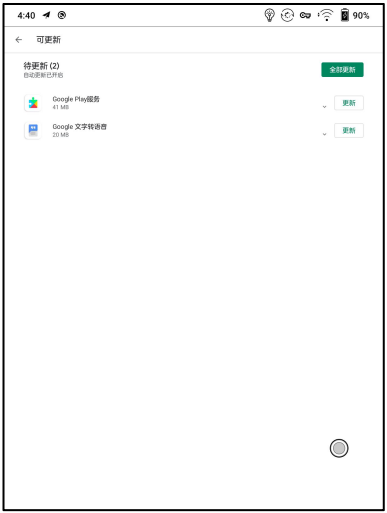


4. After registered successfully, the device will show “this device has been registered”

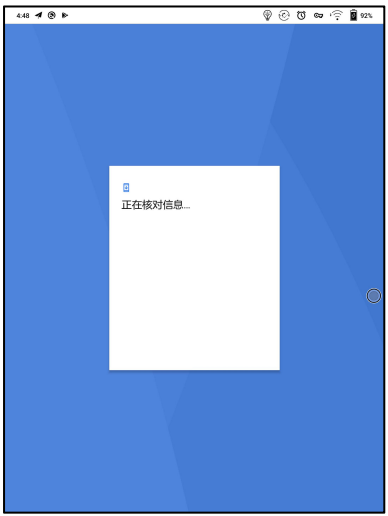


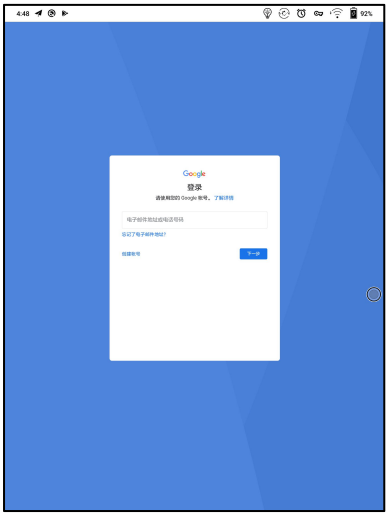
5. Go to Apps/ Google Play Store, select “update” from the drop-down menu in the upper right corner. Google Play service update can improve the probability of passing the certification.





6. After the update is complete, return to the homepage, then tap Login. If the login interface appears, it indicates that the authentication has been successful.





7. After logging in successfully, you can start to use Google Play store.



8. If it shows "This device is not authenticated by the Google Play protection mechanism" , it means that the authentication has not passed. You can only wait for Google authentication to pass. After 5–20 minutes, check again. If it still has not passed, you can continue to repeat steps 3 and 4 to re-authenticate, and then tap the Play Store to log in;

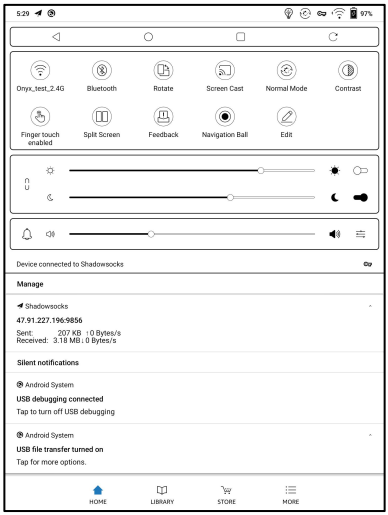


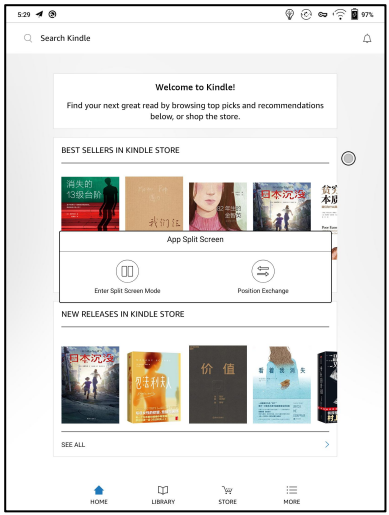
Split Screen

This supports Apps Split-Screen. You can select Split-Screen from the system drop-down bar when an application is opened, and then select a document, a notepad or other application that you want to open on the other side of your screen.

The system interface does not support enabling Split-Screen directly. You need to start an application before enabling it;

The applications that do not support Split-Screen will prompt "This application does not support Split-Screen" when split screen is enabled;

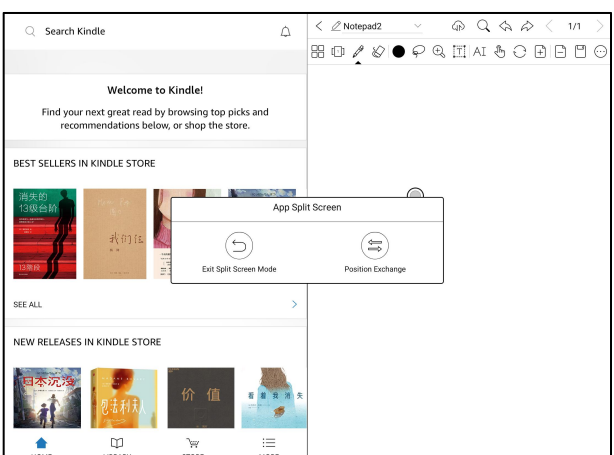




The Apps Split-Screen defaults to landscape mode. The left side defaults to the main application and the newly opened application is on the right side. You can swap left and right positions in the Split-Screen Menu;

Under Split-Screen mode, select Exit Split-Screen to exit the Split-screen mode from the system pull-down Split-Screen menu.

After exiting the Split-Screen, the interface will return to the main application on the left by default;

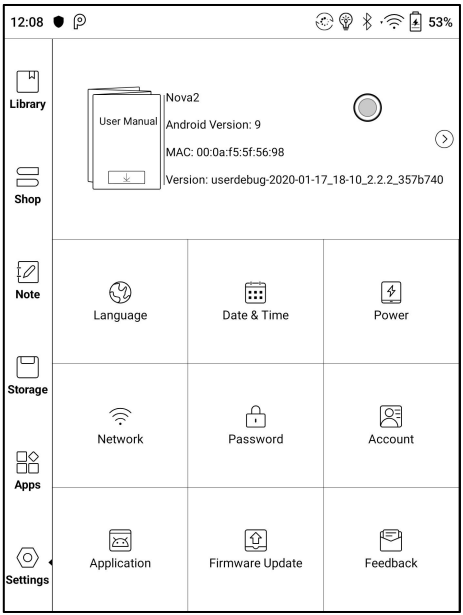


Under Split-Screen mode, only the optimization and refresh setting of the main application (applications that enable split-screen) is supported. The refresh setting of the secondary screen (apps opened later) does not take effect;

Under Split-Screen mode, the optimization and display settings of the two applications take effect separately;

12. Settings

Model name, Android version, and Version are available on Settings. Users can click the image of the device for an online user manual and further manage settings of the whole device by clicking the below specific area.

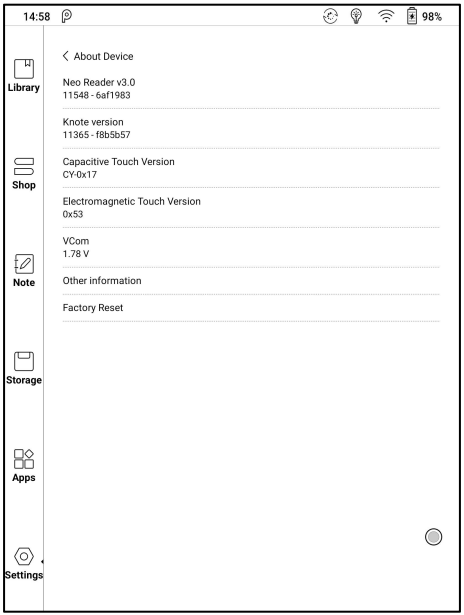


About Device

It contains model name, Android version, MAC address and firmware version.

Click the model number for more information, including Capacitive Touch Version, VCom, Other information, Factory Reset, etc.

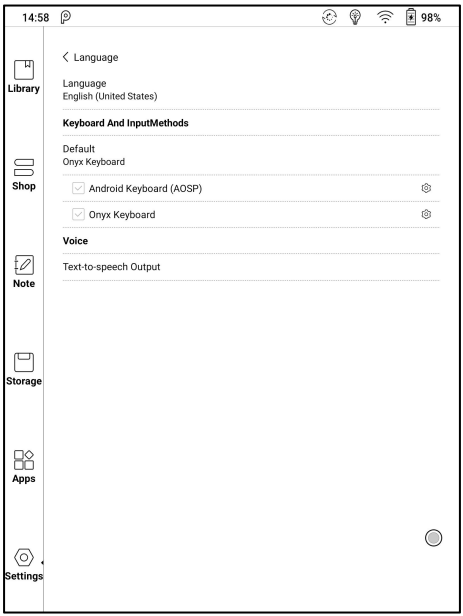
Note: To run the function of factory reset would remove all of the user data. Please make a data backup first.



Language settings

Users can set system language, keyboard and input method and TTS on this page;

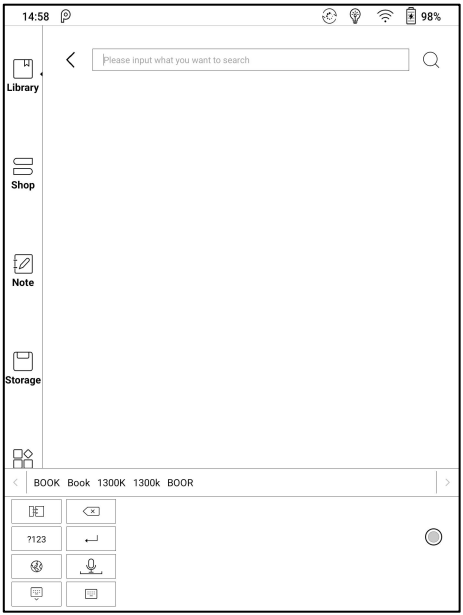
Users can set languages of the system and virtue keyboard. The system has an Android keyboard by default. Users can install third-party Apps for more input methods.



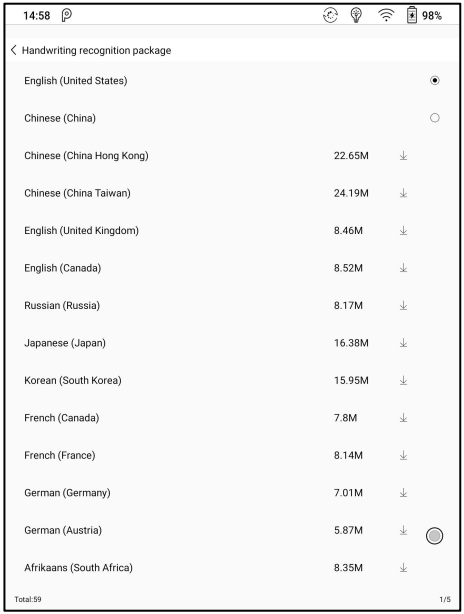
ONYX Keyboard

Typing, handwriting input and voice input are available for ONYX keyboard, and network connection is necessary for first time.

English is the default language of the handwriting input and users need to download the corresponding language package first if they want to use handwriting input for other languages.

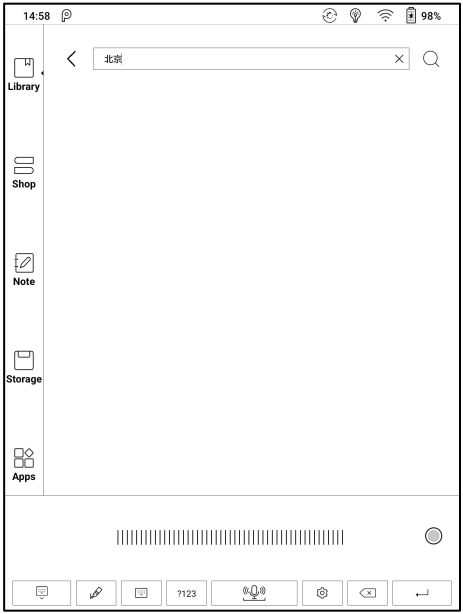


Handwriting Input Language Packages



Voice Input

Long press the Space button on the ONYX keyboard to enable the voice input first. Only English, Mandarin, Cantonese, and Sichuanese are supported.



Date & Time

Users can choose either auto setting or manual setting for date and time. When the device is connected with internet, it will automatically set date and time according to local time zone. Manual setting requires to set time zone, date and time, and users can select their preferred time and date display format;

Power

Users can set screen auto sleep timeout, Power off timeout, network inactivity timeout, etc.

Network

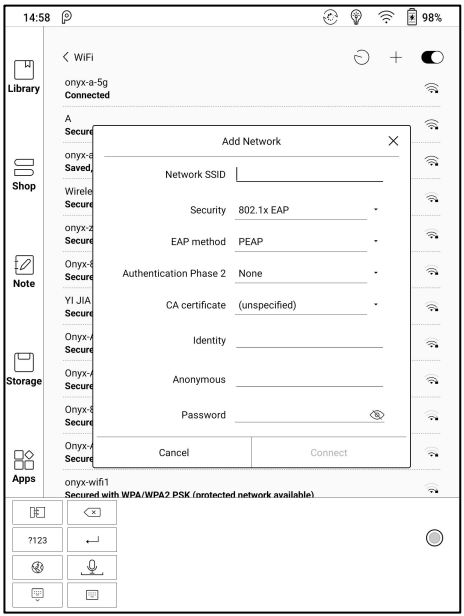
This is for Wi-Fi \VPN\Bluetooth setting. When Wi-Fi is connected, users can browse webs and download books via the internet on the device.

Wi-Fi Settings

Slide Wi-Fi On, then available networks will be listed. Users can choose a network, then input password to connect with internet.

After Wi-Fi is connected successfully at the first time, the device will save Wi-Fi information automatically. Users only need to turn on Wi-Fi on notification bar if using the same WIFI next time.

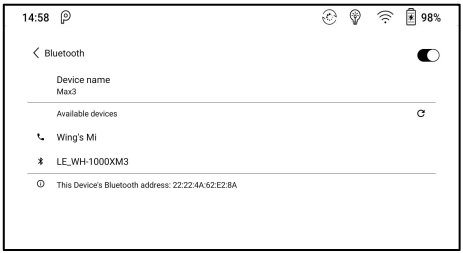
Click the “+” button at the top right of the Wi-Fi page, users could manually connect to other network which is not listed, such as 802.1xEAP.



Bluetooth Settings

Turn on Bluetooth, you can search for nearby Bluetooth devices and then send connection requests.

Bluetooth needs to be paired before use. Currently only support the eReader to receive documents, send documents from Boox eReader to other devices is not supported.



VPN Setting

- When the VPN is turned on for the first time, the system requires to set a password. This password needs to be used only for screen unlock or when the factory settings are restored.

More Settings

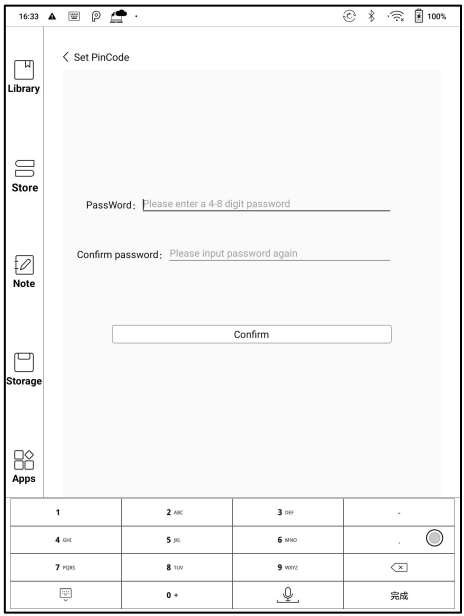
This page includes settings of Password, System Display, Custom Homepage, Server Selection, and Function area display icons only.

Password

Lock screen password and fingerprint password are supported.

Lock screen password

Lock screen password requires 4-8 digital number.



Reset Password

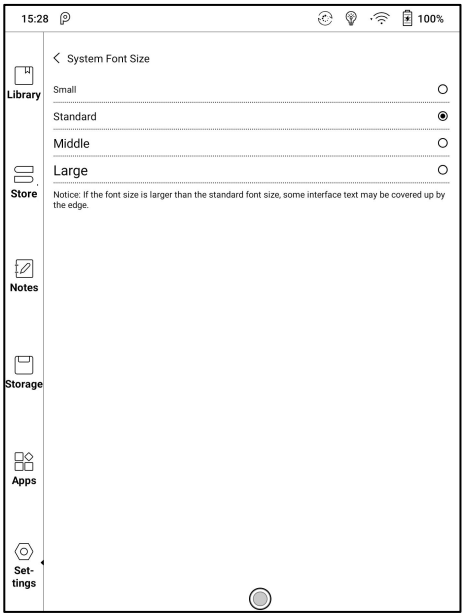
Users could reset password by logging in ONYX account via phone number or email. (Log in via WeChat is not supported to reset password)

It is not available to reset password without logging in ONYX account first.



System Display

Support to adjust the system font size, the default is the standard font size, you can set a total of 4 sizes: small, standard, large, extra large;



Custom Homepage

The default Homepage is Library. You can set any of the other Function pages as the Homepage. You can return to the Homepage by tapping the homepage icon from the dropdown notification center.

Server Selection

The server is allocated according to the system language by default. The Chinese language system uses the Chinese server, and the other language systems use US server;

After manually selecting the server, it will no longer be automatically matched according to the system language;

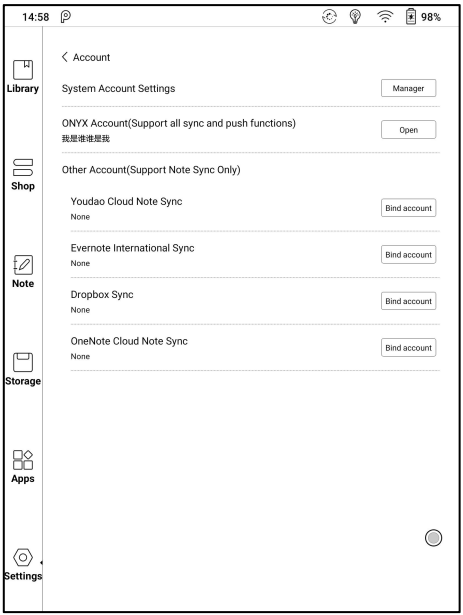
Please try to choose the server in your area. This will avoid the slow network connection which impacts the use of some specific functions (including bookstore, synchronization, application market, OTA detection and other functions that require networking);

Function Area display icons only

The text under the Function icon can be hidden.

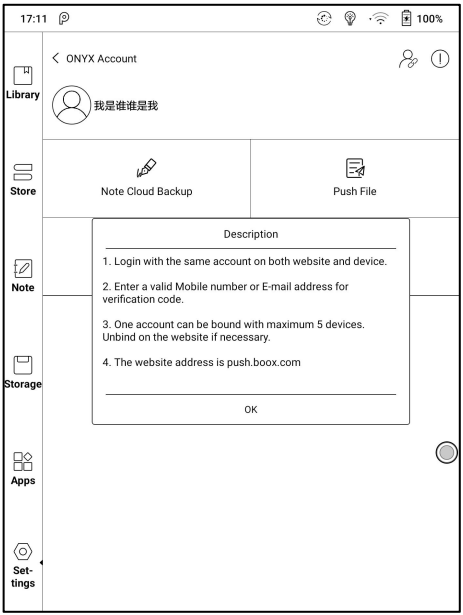
Account

System account settings, ONYX account, and other account can be managed here. Users could further manage their Google account, Exchange and other accounts via System Account Settings.



ONYX Account

Users could log in the ONYX account via phone number, email, and WeChat account on Boox devices or on push.boox.com. Users could back up and sync the notes among different devices with the ONYX account. Password reset is only available with the ONYX account logging in via phone number or email.



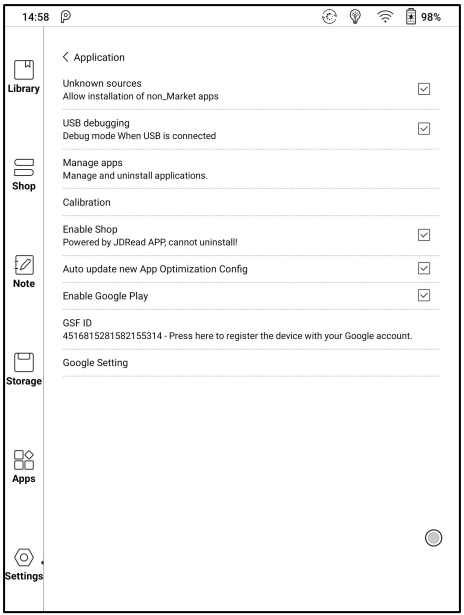
Three logging methods, phone number, email and WeChat account could be bound to each other. Users could unbind the phone number and email, but the WeChat account is not supported.



Application

Users can select whether to allow installing unknown source Apks, USB debugging, enable Storeshop, enable Google Play, etc.

Users need to activate the Google Play Store first by going to Settings/ Apps/ Enable Google Play/ GSF ID with the Google account. After 5 minutes, you shall reboot your device and sign in to Google account again to use the Google Play Store.



Firmware Update

Users can get the Model number, Android version, Build number and update check. Upgrade checks the local package first then online package with a network connection. Upgrade pause and breakpoint download are allowed. Please ensure the device has more than 30% power and sufficient capacity before the update.

Feedback

Welcome to submit any technical problem or advice to us.
This function collects system information for problem judgment. And Onyx shall never disclose users' device information.

The related logs will be cleared after the device shuts down. If you need to send feedback after the device is off, please enable Save Logs to local in Feedback so that you can send related logs after restarting the device.

13. FAQ

How to install a dictionary

The device supports dictionary formats of stardict\bgl\mdict. Users can download the dictionary packages online, copy to folder “Root Directory\dicts\ ”. Dictionary is available to use after that when users are reading;

How to add fonts

Users can download fonts online, then copy the fonts to the folder /fonts; Users can select the installed fonts when reading.

How to update

Update locally

Download firmware update.upx from our official web. Copy the firmware to root directory of local storage. Go to settings –about – system update, click the button check update from local storage, and follow the instruction to update the device;

Update by OTA

Users can update the firmware online via OTA (Setting\About\System update). Please connect Wi-Fi when updating the device by OTA;

How to change screen saver/power off

Long press PNG format images to pop up menu, select "Set as screen saver", choose to replace the original standby or shutdown; Currently 3 standby images and 1 shutdown image are supported.

14. Specifications

	Nova2
Processor	Octa-core 2.0 GHz
RAM	3G LPDDR3
OS	Android 9
Storage	32G
Screen	E-ink display with Regal refresh
Screen Size	7.8 inch
Resolution	1872*1404
Touch	Stylus + Capacitive touch
Front Light	Front Light
Wireless	WIFI（2.4G+5G）+ Bluetooth（4.1）
Battery	3150 mAh
Button	Back button
USB	Type-C（support USB OTG）
Others	Mic
Size	197.3x137x7.7 mm
Weight	≤265 g (battery included)
Operating	0°C- 50°C

Temperature	
Book Formats	PDF, EPUB , TXT, DJVU, HTML, FB2, DOC, MOBI, CHM, etc.
Image Formats	PNG, JPG, BMP
Audio Formats	WAV , MP3
Apps	Third party APP installation is supported
Browser	Support
Language	Multi-language supported
File Directory	Support
Dictionary	Support
TTS	Support
Refreshment Mode	Four levels of refresh mode supported
DRM	Support
Firmware Update	Locally update and OTA update are available
Certification	CE, Rohs

15. Declaration

Onyx International Inc. reserves the right to modify the content of the Quick Start Guide and User Manual without further notice.

For more information, please visit our website at www.boox.com.