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BROJ Notouch plus

User Manual



FCC Warning

FCC Statement

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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).



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Product Features

High-Performance Hardware Video Acceleration

High-capacity, high-resolution video content is processed using hardware-based acceleration, ensuring smooth and stable video playback.

Google Play Store Support

You can download and use over 700,000 free and paid applications from the Android Market via the Google Play Store.

Please note that some applications may not be supported due to hardware compatibility limitations.

Supports 2.4 GHz and 5 GHz Wi-Fi

Supports both 2.4 GHz and 5 GHz Wi-Fi bands, providing a faster and more stable wireless network environment.

Multiple USB Ports

Equipped with two USB ports, allowing easy connection of peripheral devices such as a mouse, keyboard, and external storage devices.

Wired LAN Connection Support

Supports wired LAN connectivity, enabling a faster and more reliable network connection in environments without Wi-Fi.

Easy Wireless Peripheral Connection via Bluetooth

Built-in Bluetooth functionality allows easy connection of wireless peripheral devices such as keyboards, mice, headphones, and speakers.

Versatile Usage with HDMI Output

Equipped with an HDMI output port, enabling screen sharing and display output to external monitors or displays.

Product Specifications

●● Product Specifications

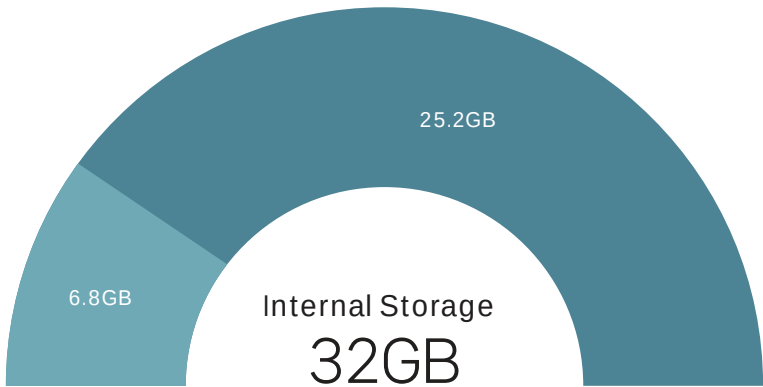
Screen Panel	LCD Panel (800 x 1280)
CD(Candela)	350CD
Chipset	RK3399 Hexacore
CPU	Dual - Core, Cortex A72 1.8GHz and Quad-core Cortex-A53 1.5GHz
GPU	ARM Mali -T864 GPU
OS	Android OS 11
RAM	LPDDR3 RAM 4GB
Flash	EMMC 5.0 32G (64G optional)
WIFI	2.4GHz / 5GHz
Bluetooth	Supports IEEE 802.11 a/n/ac, 2.4 GHz / 5 GHz Wi-Fi, and Bluetooth 5.0
Ethernet	RJ45 - 10/100/GIGA Ethernet LAN
USB	Supports external USB devices such as USB cameras, keyboards, and mice.
Option	Customization Available

Supported Content	
Supported Video Formats	MKV, WMV, VC-1 SP, MP, AP, MPG, MPEG, DAT, AVI, MOV, ISO, MP4, RM, Supports REAL VIDEO 8/9/10, maximum video resolution up to 1080p, 3D decoding, and BD / SBS / TAB / FP formats.
Video Codecs	4K VP9 and 4K 10bits H265 / H264 video decoding, up to 60fps, 1080P multi-format video decoding (WMV, MPEG-1/2/4, VP9, H.264, H.265), 1080P video coding, supports H.264/H.265
Audio Formats	WMA, FLAC, MP3, OGG, WAV,
Image Formats	JPG, JPEG, MJPEG, PNG, GIF
Languages	Supports all languages available on the Android platform, including Korean, English, German, Japanese, Chinese, and more.

* This device has been evaluated for use in a commercial (business) environment.
Operation in a residential environment may cause radio frequency interference.hbc

Internal Memory Capacity

●●● Internal Memory Information



4GB DDR 32GB Flash

Android 11	Available Memory
6.8GB	25.2GB

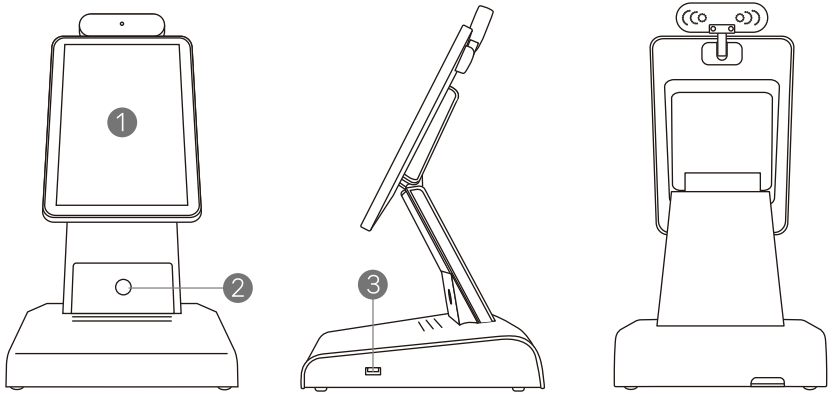
Available internal storage capacity may vary depending on the custom firmware configuration.

Package Contents

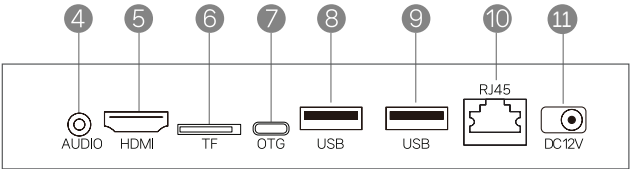
Please check that all of the following items are included before use.

Main Unit	
	
12V / 3A Power Adapter	AC Cable
	

Product Overview



No.	Function	No.	Function
1	Display	7	OTG
2	Power	8	USB 3.0
3	USB	9	USB 2.0
4	AUDIO	10	Ethernet
5	HDMI	11	DC 12V
6	TF		



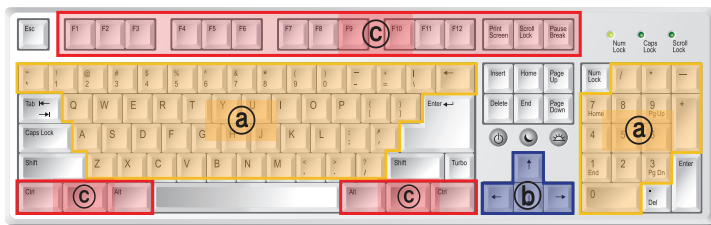
Basic Operation

Keyboard

Basic text input can be performed by clicking the on-screen virtual keyboard with a mouse.

For users who frequently enter text or need to input large amounts of text, connecting a USB keyboard provides a more convenient experience.

(Sold separately)



Press to enter characters.



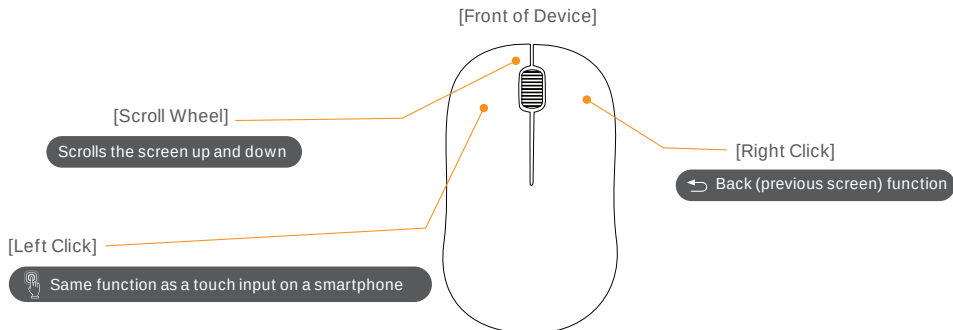
Moves the cursor in the up, down, left, and right directions.



This button is not used in Android.

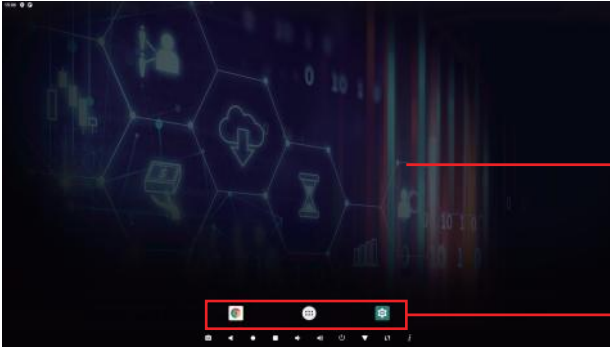
Mouse (Compatible with both wireless and wired mice)

(Sold separately)



Basic Operation

●●● Launcher Screen



Background Area :
You can add and arrange
your desired applications
on the background screen.

Quick Menu :
You can add your preferred
applications for quick and
easy access.

●●● Shortcut Icon Description



CHROME : Use the Chrome browser to search the internet.



APP : Displays all applications installed on the device.



SETTING : Allows you to manage and configure all device settings.

Basic Operation

●●● Default Applications



Gallery: Allows you to view and manage all image files stored on the device.



Calculator: A standard calculator application.



Clock: Allows you to set and manage time, alarms, and stopwatch functions on the Android Touch PC Infos.



Music: Allows you to play and manage music files stored on the device.



Calendar: A schedule management application.



Explorer: Allows you to manage files stored in the internal storage and external storage devices.



Play Store: Allows you to download and use over 700,000 free and paid applications from the Android Market.
(Some applications may not be supported due to hardware compatibility limitations.)



Power Manager: Allows you to control the power using a real-time control system.

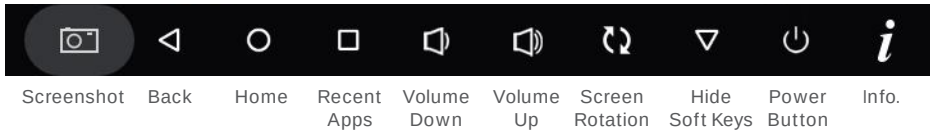


Video: Allows you to play and manage stored video files.

Basic Operation

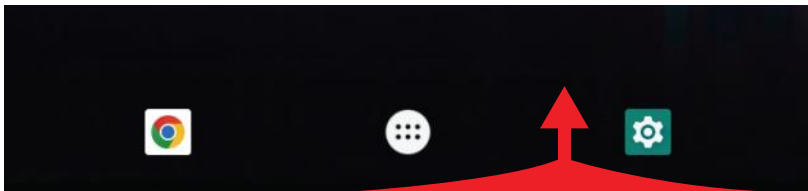
●●● Soft Key Description

Press the [▽] button in the software key menu to hide the software keys.



Restoring Hidden Soft Keys

To display the hidden software key menu again, drag upward from the bottom edge of the screen.



Basic Operation

●● Settings Menu Overview

	Ethernet	Allows you to manage wired network connections.
	Special Features	Allows you to configure various special functions such as advertising player settings and screen rotation.
	Network & Internet	Allows you to manage Wi-Fi wireless network connections.
	Connected Devices	Allows you to configure Bluetooth settings and use various wireless devices.
	Apps & Notifications	Allows you to manage installed applications and notification settings.
	Display	Allows you to adjust display settings such as screen brightness and power-saving mode.
	Sound	Allows you to configure device sound settings.
	Storage	Allows you to view and manage storage usage on the device.
	Security	Allows you to configure device security settings.
	System	Allows you to manage system settings such as language, date & time, and backup.
	Tablet Information	Allows you to view device information.

Basic Operation

Power Control (ON / OFF)

Press the Power button on the bottom soft key bar.



전원 제어

재부팅 모드 — Reboot Mode: Restarts the device.

슬립 모드 — Sleep Mode: Switches the device to sleep mode and turns off the screen.

전원 끄기 — Power Off: Turns off the device.

전원제어 — Power Management: Launches the Power Manager application.

Viewing Running Apps and Closing All Apps



Press the Recent Apps button on the bottom soft key bar.

Scroll to the far left of the running apps list and tap [Clear All] to close all running applications.



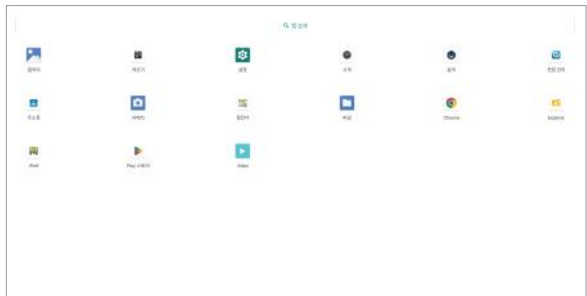
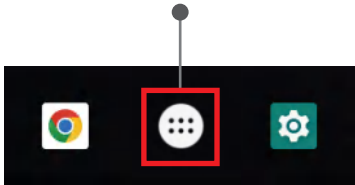
Basic Operation

How to Open the App Drawer

Method 1)
Swipe up from the bottom of
the Home screen.



Method 2)
Tap the App Drawer icon on
the Home screen.



●●● FAQ

Q. What kind of product is this?

A. This is an Android-based touch monitor that allows you to use applications for internet browsing, IPTV, gaming, office apps, and educational solutions. In addition, it can be customized as an industrial PC, making it a high-performance Android touch monitor suitable for integration into various products.

Q. Is an internet connection required?

A. The device can be used without an internet connection for general Android OS operations and video playback. However, to fully utilize features such as application downloads, web browsing, and video streaming, a wired or wireless (Wi-Fi) network connection is recommended.

Q. How do I enter text?

A. Text can be entered using the on-screen virtual keyboard with a mouse or remote control. You may also connect a USB keyboard for keyboard input. Since this is a touch monitor, you can directly touch the on-screen keyboard to enter text.

Q. Can the screen resolution be changed?

A. This product is optimized for a resolution of 800×1280 , and the display resolution cannot be changed. However, the HDMI output resolution can be adjusted.

Q. Why does the available storage capacity vary?

A. User-available memory is smaller than the total memory because a portion is used by the operating system and software required to operate the device. The actual available storage may vary depending on the user environment and may also change after software updates.

Precautions

●● After-Sales Service (A/S) Policy

Disassembly and Modification

Disassembling or modifying the product without authorization may cause product malfunction and may result in limitations or denial of after-sales service (A/S).

Use Near Magnetic Objects

Contact with objects that generate strong magnetic fields may cause malfunction or damage to the product.

Physical Impact

Excessive impact or shock to the product may result in damage or malfunction.

Use in High-Temperature Environments

Installing or using the product in excessively hot locations, or near heat-generating appliances such as heaters or stoves, may cause product failure.

High-Humidity Environments

Using the product in environments with water exposure or abnormally high humidity may cause malfunction or damage and may pose a risk of electric shock.

Non-Genuine Accessories

Using accessories that do not meet product specifications or have been modified may cause product malfunction or safety issues.

●● User Notice

Class A Device	This device is classified as a Class A (commercial/industrial) electromagnetic compatibility device. Sellers and users should take note of this classification. This device is intended for use in commercial environments, not residential areas.
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* This wireless equipment may cause radio interference and is not intended for use in services related to life safety.

* The device should be operated in an environment with a temperature range of 15°C to 40°C and a humidity range of 15% to 80%, without condensation.

After-Sales Service Information

●● After-Sales Service (A/S) Policy

1. Warranty Period

General Products: Touch PC / Kiosk / Set-top Box / Air Mouse

※ Even within the free warranty period, repair costs may be charged if damage is caused by customer misuse or negligence.

Product Warranty Period: 2 years

Free Repair Service Period: 1 year

Paid Repair Service Period: 1 year

Mounting Accessories: Brackets / Mounts

Product Warranty Period: 3 months

Free Repair Service Period: 1 month

Paid Repair Service Period: 2 months

Peripheral Accessories: Cables

Product Warranty Period: 1 month

Free Repair Service Period: 1 month

2. Shipping Service Policy

- Within 15 days from the date of purchase (initial defect): Full round-trip shipping costs are covered.
- From 15 days to 1 year from the date of purchase: Free repair service is provided, and one-way shipping costs are covered.

3. Cases Where Paid Service Charges Apply

- The free repair service period has expired
- Malfunctions caused by misuse or negligence
- Unauthorized disassembly or modification of the product
- Damage or malfunction caused by physical impact
- Corrosion caused by water damage or foreign substance contamination
- Malfunction caused by misuse of non-provided or incompatible peripheral devices
- Memory damage caused by user error during firmware upgrades
- Damage caused by force majeure, including fire, earthquake, flood, or other natural disasters

4. Customer Support Center Operating Hours

- Business Days (Monday–Friday): 10:00 AM – 5:00 PM / Weekends & Public Holidays: Closed
 - In accordance with company policy, the customer support center is closed on weekends and legal public holidays.
- In the event of additional temporary closures due to unavoidable circumstances, notices will be posted on our website.
- For further assistance or inquiries, please contact the Customer Support Center.

memo



company.broj.co.kr

Have Questions About the Product?

BROJ Co., Ltd.

Address : 8 The Green #24704 Dover, DE, 19901, United States

Tel : +82-1833-5707