



Preface

Thank you for buying the Speed Wi-Fi 5G X11 (simply called the "product" from here on). Before using the product, be sure to read the "Setup Guide" (this manual) and the "Notes on usage" to ensure correct use.

List of Packaged Items

Before you start using the product, make sure that you have all the following items packaged with the product.

- Speed Wi-Fi 5G X11 main unit
- つなぎかたガイド "Setup Guide" (Japanese)
- ご利用にあたっての注意事項 (保証書) "Notes on usage" (with warranty) (Japanese)



- * Keep the packaged items, including the warranty, in a safe place.
- * An AC adapter and USB cable are not included. Purchase the specified charging equipment (sold separately) and USB cable (commercially available). For details, see "Related Accessories" in "Notes on usage".
- * The battery is built-in to the product.
- * The illustrations of the product used in this manual are simulated images. They may differ from the actual product.

About the Instruction Manual

- Explains precautions and information needed before using the product for the first time. "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).
- Explains the various functions, operations, and settings of the product in detail. Confirmation is possible at the WiMAX Support Information website. <https://www.necplatforms.co.jp/support/wimax/x11/index.html> (in Japanese only)
- In this manual, the "Setup Guide" (this manual), "Notes on usage", and "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese) are collectively referred to as the "Instruction Manual".
- The latest PDF versions of the "Instruction Manual" can be downloaded from the WiMAX Support Information website. <https://www.necplatforms.co.jp/support/wimax/x11/index.html> (in Japanese only)
- Can be downloaded from the au website. <https://www.au.com/support/service/mobile/guide/manual/> (in Japanese only)



About the Notations in This Manual

- **Notes on Illustrations / Screenshots**
- In this manual, the "au Nano IC Card 04 LE" (for au contracts) and the "au Nano IC Card 04 LE U" (for contracts with WiMAX operators other than au) are referred to as a "SIM card".
- In this manual, both au and WiMAX operators other than au are referred to as a "telecommunications carriers".
- The screenshots and methods of operation in this manual are those when a SIM card is inserted.
- The illustrations and screenshots in this manual are simplified and may look different from the actual product and screens. Also, a part of a screen may be omitted.
- This manual uses the display of the body color "Titanium Gray" to explain examples.
- In this manual, the "X11 cradle (sold separately)" is referred to as the "cradle (sold separately)".
- Company names and product names referred to in this manual are trademarks or registered trademarks of their respective companies. TM and the ® mark may be omitted in this manual.

■ **About button operations**

- Use the △ button, ▽ button, and ○ (Enter) button to select/enter the "Quick Menu" from the Home screen, and select/enter "Detail Settings" as shown below. Home screen - "Quick Menu" - "Detail Settings"

Before using the product

- The product can transmit data to a wireless base station by using the 5G system, LTE system, and WiMAX 2+ system. You can select from the following communication modes to use this.
- Regarding how to select and set the transmission modes, refer to "4-2 通信モードを切り替える (Switching Transmission Modes)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

"Standard" mode	Connect via the 5G, LTE, or WiMAX 2+ network.
"Plus Area" mode	Connect via the 5G, LTE, or WiMAX 2+ network. Transmission is possible in a wider area than in "Standard" mode.

- * If you move to an area in which communications using "Standard" mode are not possible, the "Onetime +A" mode is available, which switches the mode to the "Plus Area" mode temporarily.
- * The default setting is "Standard" mode. An additional charge, depending on your billing plan, may be incurred when you switch to using "Plus Area" mode or "Onetime +A" mode.
- Regarding connecting the product to a smartphone or PC, or the like, refer to "STEP2 Connecting to Wireless LAN (Wi-Fi)".
- If you have an au contract, then data transmission is possible overseas by using the LTE system or UMTS system. For details, refer to "au World Service support (for au contracts)" in "What the Product Can Do" or "10-1 au 世界サービスについて (About au World Service)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

What the Product Can Do

- **Wireless LAN (Wi-Fi®) Connections**
 This manual explains how to connect to a smartphone or PC using wireless LAN (Wi-Fi®). You can connect a maximum of 16 devices.
- **USB Cable (Commercially Available) Connections**
 Refer to "3-2 USBで接続する (Connecting via USB)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).
 * You can use wireless LAN (Wi-Fi®) connections and USB connections at the same time. By combining these, you can connect a maximum of 17 devices.



- * Depending on the ambient reception environment, the number of connected devices may not reach the limit.
- * Communication speed may not reach the maximum value, depending on the connection environment, etc. Furthermore, online gaming may not operate normally depending on the connected devices, the game, and other factors.

■ **au World Service support (for au contracts)**

- The au World Service are services that allow you to use the product overseas, the same as it is used in Japan. The product can use either the UMTS or LTE network depending on your travel destination.
- Payment is easy because the usage fee is added to your Japan domestic invoice, without the need for special applications or fixed monthly fees.
 * For a new subscription, overseas usage is possible after one day. However, for subscriptions via the online shop, overseas usage cannot start until 2 days after the product is first used in Japan.
 - For details, such as which countries are supported, fees, and other services, check out the au website or Customer Center.
 - Learn about target areas and fees
<https://www.au.com/english/mobile/service/global/au-world-service/area-charge/>
 - About applicable data transmission fees and how to use data transmission overseas
<https://www.au.com/mobile/service/global/au-world-service/check/> (in Japanese only)
 - Use by customers overseas *Be sure to confirm before travelling
https://www.au.com/information/notice_mobile/global/ (in Japanese only)
 - * Does not include any discounted services or data transmission fixed fee/discounted services in Japan.
 * Consumption tax is not added to use fees for various international services.
 * How to set the product: Home screen - "Quick Menu" - "Detail Settings" - "Network" - "International roaming", then select/enter "Use"

Part Names and Functions

Name	Function
① Display	Lets you view the status of this product and notification information. You can also check information for the product and do major settings.
② USB port (Type C™)	Used to connect the USB cable (commercially available) to the product, or when placing the product on the cradle (sold separately).
③ Power/Enter button	Turns the power on/off. Use to turn on/off the display.
④ △ button	Use to put the product in an idle state, or to recover from idling or waiting.
⑤ ▽ button	Use to enter menus and items in the display.
⑥ SIM cover	Use to move the cursor upward to select menus and items in the display.
⑦ SIM card slot	Use to move the cursor downward to select menus and items in the display.
⑧ SIM card slot	The SIM card slot is under the SIM cover. Always close it while using the device. Insert the SIM card into this slot.

- The antenna is built-in. Covering the product with your hand during communication may affect the communication quality.
- Do not remove the exterior case. Forcibly removing it might cause damage or malfunctions. Also, the battery is internal and cannot be removed by the customer.

Examples of Button Operations

■ **Displays the "Information" screen**

■ **Displays the "Quick Menu" screen**

Downloading the App for Your Smartphone

By using "NEC WiMAX +5G Tool", an application designed especially for this product, it is possible to view information about the product on your smartphone, etc. and perform operations to update the firmware or change to the idle state. (For details, refer to "5-2 スマートフォンアプリを使う (Using Smartphone Applications)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).)



- * Operating this specialized application allows you to do remote activation. Search the Google Play Store or App Store for "NEC WiMAX +5G Tool" to download and install this specialized application.
- * <Google Play Store> <App Store>
- * The "NEC WiMAX +5G Tool" smartphone application has a Japanese user interface.
- * Settings cannot be done on this product with "NEC WiMAX +5G Tool" while the product is being operated. In addition, operating the product while doing settings via "NEC WiMAX +5G Tool" may interrupt the settings being done with "NEC WiMAX +5G Tool". Leave the display showing the home screen.

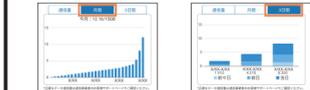
Using Smartphone Apps

- * The "NEC WiMAX +5G Tool" smartphone application has a Japanese user interface.
- **What you can do with apps**
- You can do the following things by using "NEC WiMAX +5G Tool", a specialized app for this product.
 - Check signal strength of 5G/LTE/WiMAX 2+
 - Switch transmission modes
 - Check firmware version
 - Check contracted phone number
 - Check data usage
 - Restart the product
 - Start Quick Setting Web (For details, refer to "5-2 スマートフォンアプリを使う (Using Smartphone Applications)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).)

■ **Checking data usage**

- Display this month's data usage and 3 days data usage on the main screen.

- Tap [月間 (1 month)] or [3日間 (3 days)] to display either graph.



■ **Switch transmission modes and restart**

- To change transmission modes, in the main screen, ⚙ (Settings) - in the [ネットワーク設定 (Network Settings)] screen select "ST : スタンダードモード (Standard mode)" or "+A: プラスエリアモード (Plus Area mode)".

- To restart, in the main screen, ⚙ (設定 (Settings)) - in the [メンテナンス (Maintenance)] screen select "再起動 (Restart)".
- To confirm the contracted phone number, in the main screen, tap 国 (情報 (Information)).

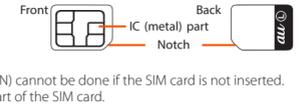
Connection is complete when the Wi-Fi icon appears in the status bar of the wireless LAN (Wi-Fi®) device.

STEP 1 Preparing for Setup

Inserting a SIM Card

When inserting a SIM card, be sure to turn off the power to the product. Remove the USB cable (commercially available) and cradle (sold separately) if they are connected.

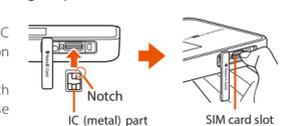
- Your telephone number and other details are stored on the SIM card, however, the product cannot be used to make or receive voice telephone calls, etc.
- This product supports au Nano IC Card 04 LE and au Nano IC Card 04 LE U.
- Data communication via a Wide Area Network (WAN) cannot be done if the SIM card is not inserted.
- Be careful not to touch or damage the IC (metal) part of the SIM card.



1. Open the SIM cover on the side of the product.
 - * Put a fingernail in the groove and open in the direction of the arrow.



2. Insert the SIM card straight into the SIM card slot with the IC (metal) part facing upward and press it in with your fingertip until it clicks.



- * Be careful of the orientation of the notch.
- * Confirm the correct inserting direction of the IC card. Failure to do so might cause a malfunction or damage.
- * Refrain from inserting an SD card or IC card with a conversion adapter. Doing so might cause failures.
- * Do not insert or push the IC card forcefully. Doing so might cause a malfunction or damage.

3. Close the SIM cover.

- * An error message is displayed if the SIM card is not properly inserted, or if there is an abnormality with the SIM card.
- * To remove the SIM card, press the SIM card slowly inward until it clicks, when you hear the sound, slowly withdraw your finger with the SIM card. Be careful not to lose the SIM card after you remove it.

- You can confirm the product's device information (Phone Number, ICID, etc.) on its display. How to confirm: From the home screen - "Information" - "Device Information" - "Device Information" - (select various menus)

Charging the Product

This section explains how to charge the product using the specified TypeC Common AC Adapter 02 (0602PQA) (sold separately).

- * The internal battery is not fully charged at the time of purchase. Be sure to charge the battery before using the product.
- * We recommend charging this product while the power is off or while it is idling.
- * If the power is on, or if the temperature of the product or internal battery is high, charging may stop, even if the battery is not full, in order to maintain the battery's life. Also, if you continue charging it for a long time while the power is on, the battery enters the "Long Life Charge" state (the maximum charge capacity is about 70%) and the remaining battery power is automatically reduced gradually to protect the battery.
- * The charging time varies depending on the environment and conditions in which the product is used. Fast charging is possible if you are using a TypeC Common AC Adapter 01 (0601PQA) (sold separately) or a TypeC Common AC Adapter 01 U (0601PQU) (sold separately).

1. Plug the power plug of the AC adapter (sold separately) into a power outlet.
 - * Make sure that the AC adapter (sold separately) does not come unplugged.

2. Insert the USB connector (Type C) of the AC adapter (sold separately) into the USB port (Type C) on the product.
 - * Plug the USB connector (Type C) straight into the USB port (Type C) of the product.
 - * Pressing the Power button ○ when charging with the power off or while idling shows how much of the battery has been charged (%).
 - * If you set "Long Life Charge" to "Use", charging stops when the battery's level is about 70%. This prevents accelerated deterioration caused by repeatedly charging and discharging the battery frequently while it has sufficient remaining power. (Default setting: Do not use)
 - Operating procedure: From the home screen - "Quick Menu" - "ECO" - "Long Life Charge"

For information on how to charge the battery pack on the cradle (sold separately), refer to the "X11 クレードル取扱説明書 (Instruction Manual of the cradle)" (Japanese).

Turning the Power On

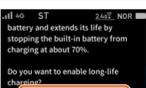
1. Hold down the Power button ○ until "NEC" is displayed in the display and the product is turned on. (The remaining battery level appears while "NEC" is displayed when you turn on the power after the power was completely off.)
 - * When the home screen (refer to "Displayed Information" on the next page) is displayed, proceed to STEP2.

STEP 1 Preparing for Setup (Continued)

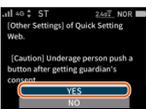
2. When the language selection screen is displayed, select "English".

Switching to English display
 From the home screen, "クイックメニュー (Quick Menu)" → "詳細設定 (Detail Settings)" → "メンテナンス (Maintenance)" → "言語 (Language)" → select/enter "English".

3. Read the "Notes on usage" (Long Life Charge) to the bottom, and then select/enter "YES". (If you select/enter "NO", "Long Life Charge" remains off.)



4. Read the "Favor on usage" (Quality information collection) to the bottom, and, if you agree, then select/enter "YES". (If you select/enter "NO", the Quality information collection function remains off.)



5. "Do you want to start Setup Wizard?" appears.
 - To carry over the data on the router you were using previously, select/enter "YES", and then go to STEP2 (a).
 - To set connections for a new wireless LAN (Wi-Fi®), select/enter "NO", and then go to STEP2 (b), (c), and (d).



If you selected "NO" in item 5, when the "Please complete the setting wizard by Quick settings web" screen is displayed, select/enter "OK". (Refer to STEP4)



STEP 2 Connecting to Wireless LAN (Wi-Fi®)

Data communication can be performed with this product by connecting wireless LAN (Wi-Fi®) devices such as a PC, game console, smartphone, etc. There are four connection methods, as shown below. Connect using one of these methods.

- Copy the settings of the router that the product has used until now (Wireless LAN (Wi-Fi®) device settings do not need to be changed.) (a) Wi-Fi Settings Moving
- Separately set connections from each wireless LAN (Wi-Fi®) device (b) Manual connection (c) Wi-Fi QR Code¹ (d) WPS function²

Types of wireless LAN (Wi-Fi®) devices (examples)	(a) Manual connection	(c) Wi-Fi QR Code	(d) WPS function
Smartphones/tablets (Android™ devices)	○	○ ¹	○ ³
iPad (iPad OS devices)/iPhone/iPod touch (iOS devices)	○	○ ²	—
PC (Windows OS)/game consoles	○	—	○
PC (macOS)	○	—	—

¹ Supported on Android 10 and later.
² Supported on iOS 11.0 and later, and iPadOS 13.0 and later.
³ WPS is not supported on some Android versions.

¹ Refer to "Using Smartphone Apps" for how to use a Wi-Fi QR code to connect to a wireless LAN (Wi-Fi®).
² For the procedure to connect to wireless LAN (Wi-Fi®) using the WPS function, refer to "3-1 無線LAN (Wi-Fi®) で接続する (Connecting via Wireless LAN (Wi-Fi®))" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

(a) Using the Wi-Fi Settings Moving Function

* Content to be carried over "SSID", "Encryption Mode", "Encryption Key"

Router you were using previously → The product

*The router you have used in the past needs to have supported WPS. In addition, some of the wireless LAN (Wi-Fi®) settings may not carry over, depending on the functions and settings (such as unusable text or encryption mode) of the router you were using in the past. For details, refer to "5-3 Wi-Fi設定お引越し機能を使う (Using the Wi-Fi Settings Moving Function)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

*You can also select from the home screen - "Quick Menu" - "Detail Settings" - "Wi-Fi connection settings" - "Wi-Fi Settings Moving" to display a guidance screen.

STEP 2 Connecting to Wireless LAN (Wi-Fi®) (continued)

Select/enter "Wi-Fi moving".

"YES"

Select/enter "YES" in the find router screen.

Select/enter "Exit" in the settings successful screen.

Start up the WPS function of the router you were using previously. (Refer to the user manual for the router you are using for the method to start up the WPS function.)

Configuration succeeded. Please turn off the Wi-Fi function of a router of existence.

Next, when connecting to wireless LAN (Wi-Fi), select/enter "YES" in the settings confirmation screen for the Wi-Fi device.

You can confirm if the "SSID" is the SSID of the router you have used until now, from the home screen - "Information" - "Wi-Fi Information".

You can redo the Setup Wizard from the home screen - "Quick Menu" - "Detail Settings" - "Wi-Fi connection settings" - "Setup Wizard".

(b) Manual Settings for Wireless LAN (Wi-Fi®) Connections

For how to connect to a wireless LAN (Wi-Fi®) device, refer to the Instruction Manual of the wireless LAN (Wi-Fi®) device.

- Turn "ON" (enable) Wi-Fi of the wireless LAN (Wi-Fi®) device.
- In the network list screen, tap the product's network name (SSID). Confirm the product's network name (SSID) from the home screen - "Information" - "Wi-Fi Information" - "SSID(Owner)".
- Input the product's encryption key (password) (single-byte lowercase letters). Confirm the product's encryption key from the home screen - "Information" - "Wi-Fi Information" - "Password(Owner)".
- Tap [接続 (Connect)] on the wireless LAN (Wi-Fi®) device.
- Confirm on the product's display that the number on the lower right of [] is "1" or higher. The number indicates the number of devices connected.

STEP 3 Verifying the Connection Status

- If [ST] is displayed along with [] in the display and the product can be connected to the internet, the settings are complete.
- When a number is displayed to the lower right of [] on the product's display, then the wireless LAN (Wi-Fi®) is connected.
- If [ST] is displayed along with [] in the display and the product cannot be connected to the internet, Configure the connection destination in **POINT1**.

STEP 3 Verifying the Connection Status (continued)

- If the wireless LAN (Wi-Fi®) connection with the product is not established, From the home screen - "Quick Menu" - "Detail Settings" - "LAN Settings", and then select/enter "Do not use" for "Wi-Fi Management Frame", and then redo the wireless LAN (Wi-Fi®) connection as in **STEP2**.
- If "Please checking APN settings." is displayed, Configure the connection destination in **POINT1**.

Confirm that this product has the latest firmware. (How to confirm: From the home screen - "Quick Menu" - "Detail Settings" - "Maintenance" - "Firmware Update")

The version of this product is confirmed via the display. (How to confirm: From the home screen - "Information" - "Device Information" - "Device Information" - "Firmware Version")

When "There is new firmware available. Do you want to update?" is displayed on the display of this product, it indicates that a new firmware exists. For how to update the firmware, refer to "11-1 ファームウェアを更新する (Updating Firmware)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

STEP 4 Changing the Initial Password

Default Settings in Quick Setting Web

To ensure security, change the initial password (administrator password and encryption key) that had been set at time of purchase.

Administrator Password	Password you are requested to input to log in to Advanced Settings Top on the Quick Setting Web and to use the "NEC WiMAX +5G Tool" application for your smartphone. ("Web PW" also appears on the product's display.)
Encryption Key (Password)	Password to use with SSID when connecting to wireless LAN (Wi-Fi®)

(Defaults: From the home screen "Information" - "Device Information" - "Device Information" for "Administrator initial password", "Information" - "Wi-Fi Information" for "Password")

- Open the web browser on the wireless LAN (Wi-Fi®) device (such as a smartphone) connected to the product in **STEP2**.
- Return the product to the home screen or press the Power button to turn off the display. Settings cannot be done to the product using Quick Setting Web while the display is on. Additionally, operating this product's display while doing settings on Quick Setting Web may interrupt the settings being done via Quick Setting Web.
- Open Quick Setting Web for the product. Type "http://192.168.179.1/" into the address bar in the web browser and either tap [実行 (Execute)] or [開く (Open)], or press the Enter key on the keyboard.
- In the login screen, enter the "Administrator Password", which is displayed in Device Information, in "Password", and then tap or click [Login].
- Change the administrator password. Enter the current administrator password in the "初期パスワード (Initial Password)" field, and enter the new administrator password (*) in the "新しいパスワード (New Password)" and "新しいパスワード再入力 (Re-Enter)" fields, and tap or click [変更 (Set)].

Example of Microsoft Edge's screen for PCs >>

You can open Quick Setting Web from the "NEC WiMAX +5G Tool" smartphone application. Operating procedure: In the main screen, tap [Menu] - [クイック設定Web(Quick Setting Web)].

Administrator Password Field Tap or click

Administrator Password Memo :

Write it down in the location described in the enclosed つなぎガイド "Setup Guide" (Japanese).

STEP 4 Changing the Initial Password (continued)

- Change the network name (SSID) and encryption key (password). In the Wi-Fi 設定 (Wi-Fi Settings) screen, enter a new network name (SSID) (*) and new encryption key (password) (*2), and then tap or click [変更 (Set)].

* Make a note of the changed network name (SSID) and encryption keys, so you do not forget them.

Network Name (SSID) Memo:

Encryption Key Memo:

* Write it down in the location described in the enclosed つなぎガイド "Setup Guide" (Japanese).

The Wi-Fi connection is cut off, so refer to **STEP2** Connecting to Wireless LAN (Wi-Fi®) on the previous page and connect to Wireless LAN (Wi-Fi®) again.

* When doing the manual connection procedure, use the network name (SSID) and encryption key (password) you changed in step 6.

*1 Network name (SSID): Input a maximum of 32 single-byte English alphanumeric, - (hyphens), or _ (underscores).

*2 Encryption key (password): Enter from 8 to 63 single-byte English alphanumeric (0-9, a-z, A-Z)

For details, refer to "8-4 Wi-Fi設定 (Wi-Fi Settings)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

POINT1 Configuring the Connection Destination Connecting Wide Area Network (WAN)

Configuring the Connection Information

- Connecting to Wide Area Network (WAN) You can use the profile (profile name "Internet") preset on the product to connect to the internet.
- When creating a new profile >> Follow the procedures below to add a profile when you are creating a new profile or when information required for internet connection (user name, password etc.) is specified by the WiMAX operator, other than au, to whom you are subscribed.
- Launch a web browser, and open the product's Quick Setting Web (refer to **STEP4**), and then tap or click [プロファイル設定 (Profile Settings)] in "ネットワーク設定 (Network Settings)".
- After selecting [no setup] in the "プロフィールリスト (Profile List)", tap or click [選択 (select)], enter the setup information such as the APN of the WiMAX operator to whom you are subscribed, and tap or click [設定 (Apply)].
- Tap or click [接続設定 (Connection Settings)] in "ネットワーク設定 (Network Settings)".
- In the "プロフィール選択 (Profile Selection)", select the profile which you set in step 2, and tap or click [設定 (Apply)]. Open a website to verify the connection.

Initialization Method

When the product is not operating properly, or to bring back the default settings, perform initialization by following the steps below. (This will delete all user settings and the screen display will change to Japanese.)

- From the home screen - "Quick Menu" - "Detail Settings" - "Maintenance" then select/enter "Initialize".
- Once the message "Restoring to the initial settings. Do you want to initialize this device?" is displayed on the product's display, select/enter "YES".
- Initialization will be completed once the product has been reactivated.

* The firmware updates that you have installed are not changed by initializing the product.

How to Restart

- From the home screen - "Power Option" - then select/enter "Restart".

Displayed Information

<Home screen and status icons>

<Home(Menu Display) screen>

<Quick Menu screen>

<Information screen>

<Detail Settings screen>

<Device Information screen>

<Settings message display>

<Display while idling>

No.	Name	Indicator	State	Explanation
①	Reception level	[]	Lit	Indicates the signal strength of Wide Area Network (WAN) in 4 levels
②	Connection network	[]	Lit	Indicates that the product is out of the service area
③	Connection status	[ST]	Lit	Indicates the internet is connected in "Standard" mode
		[+A]	Lit	Indicates the internet is connected in "Plus Area" mode ¹⁾
		[+A]	Lit (green)	Indicates that the product is connected to the internet in "Onetime +A" mode ¹⁾
		[AP]	Lit	Indicates that the product is connected to the cradle (sold separately) in Wi-Fi Access Point Mode
		[Rm]	Lit	Indicates "Use" is set for international roaming (for au contracts)
④	Bridge Mode settings	[B]	Lit	Indicates that Bridge Mode is set
⑤	Firmware update notification	[]	Lit (orange)	Indicates that the latest firmware has been released and an update is required
⑥	Status of wired connection	[]	Lit	Indicates that LAN is connected via USB
⑦	Status of guest SSID	[]	Lit	Indicates guest SSID ²⁾ is on
⑧	Wireless LAN (Wi-Fi®) band	[2.4G]	Lit	Indicates that the product is connected to the 2.4GHz band (the number on the lower right indicates the number of connected devices)
		[5G]	Lit	Indicates that the product is connected to the 5GHz band (outdoors) (the number on the lower right indicates the number of connected devices)
		[5G]	Blinking	Indicates that the product is confirming the channel that is in use (doing DFS check)
		[5G]	Lit	Indicates that the product is connected to the 5GHz band (indoors) (the number on the lower right indicates the number of connected devices)
		[2.4G/5G]	Lit	Indicates that the product is connected to the 2.4G/5G both (Outdoor) Wi-Fi frequency setting (the number on the lower right indicates the number of connected devices)
⑨	Energy-Saving mode	[ECO]	Lit (green)	Indicates that "Eco" mode (Prioritized saving battery) is running
		[NOR]	Lit (green)	Indicates that the product is saving energy when the remaining battery level is low in "Normal" mode (Speed & Battery balanced)
		[NOR]	Lit	Indicates that the product is running in "Normal" mode (Speed & Battery balanced)
		[Hi-P]	Lit	Indicates that the product is running in "High Performance" mode (Prioritize high speed)
⑩	Battery status	[]	Lit ³⁾	Indicates the remaining battery level on a scale of 6 levels
⑪	Data usage	[]	Lit ³⁾	Indicates the current data usage (3 days and 1 month accumulated data usage value ⁴⁾ upper limit set value) The length of the bar indicates the proportion used

* For details, refer to "1-2 各部の名称と機能 (Part Names and Functions)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

Troubleshooting

If you experience difficulty setting up an internet connection even when the instructions in the "Setup Guide" and the "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese) are followed, please check the following items.

Unable to connect to the internet	<ul style="list-style-type: none"> Make sure that you are located in a service area. The incoming signal strength may be low. Retry the connection in a location with a higher incoming signal strength. If the "ST" or "+A" icon does not appear in the display, launch Quick Setting Web to check that an internet connection has been properly set up.
Communication is easily disrupted	<ul style="list-style-type: none"> The incoming signal strength may be low. Check the radio reception level and move to a location for a higher incoming signal strength. Check the remaining battery level. If the remaining battery level is low, recharge the battery pack before reconnecting the product. Check to see if the product is properly connected to a PC, or the like, on a wireless LAN (Wi-Fi®), or by a USB cable (commercially available). If the product is connected to a PC, or the like, on a wireless LAN (Wi-Fi®) reboot the product. If there is radio interference from other networks, such as multiple access points having been set up in the vicinity, radio reception may be improved by changing "Channels" for the product. (Refer to "8-4 Wi-Fi 設定 (Wi-Fi Settings)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese)) Confirm that this product has the latest firmware. (How to confirm: From the home screen - "Quick Menu" - "Detail Settings" - "Maintenance" - "Firmware Update") When "There is new firmware available. Do you want to update?" is displayed on the display of this product, it indicates that a new firmware exists. (For how to update the firmware, refer to "11-1 ファームウェアを更新する (Updating Firmware)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese))
Communication seems slow	<ul style="list-style-type: none"> The connection point might be congested. Allow for some time before retrying. When Energy-Saving mode is in "Normal" mode (Speed & Battery balanced) or "Eco" mode (Prioritized saving battery) and the battery power is low, then 5G connection is not possible. Charge the battery.
The charge in the battery seems to decrease quickly.	When the Energy-Saving mode is set to "High Performance" mode (Prioritize high speed), change it to "Eco" mode (Prioritized saving battery).
Cannot connect to wireless LAN (Wi-Fi®)	<ul style="list-style-type: none"> From Quick Setting Web, go to "Wi-Fi 設定 (Wi-Fi Settings)" - [Wi-Fi 設定 (Wi-Fi Settings)] - "暗号化 (Encryption)" and change "暗号化モード (Encryption Mode)" to "WPA2-PSK(AES)" or "WPA/WPA2-PSK(TKIP/AES)", and then go to the "拡張設定 (Advanced Setup)" to set "Wi-Fi 暗号化強化 (Protected Management Frame Function)" to "OFF", then connection may be possible.

Regarding details on setting procedures and other information, refer to "11-2 故障と対処 (Troubleshooting)" in "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese).

Product Specifications

Main Unit	
Physical dimensions (W x H x D)	Approx. 136 (W) x 68 (H) x 14.8 (D) mm
Weight	Approx. 174 g
Interface	USB 3.0 Super Speed (Type C connector x1) ¹⁾ Compliant with Bluetooth 5.1 Wireless Technology ²⁾
Display	Color LCD (320 x 240 dots)
Power supply	5V DC/9V DC Max 1.5A
Internal battery	Lithium-ion battery, nominal voltage 3.8 V/rated capacity 4,000 mAh
Continuous standby time ¹⁾	Waiting state: Approx. 35 hours Idle state: Approx. 400 hours
Continuous communication time ¹⁾ (During Wi-Fi® connection)	"Normal" mode (Speed & Battery balanced) Approx. 490 minutes "Eco" mode (Prioritized saving battery) Approx. 570 minutes
Operating environment	Operating temperature range: 5°C to 35°C Operating humidity range: 35% to 85% (with no condensation)
Charging time	Approx. 190 minutes (when using the TypeC Common AC Adapter 01 (0601PQA) sold separately or TypeC Common AC Adapter 01 U (0601PQU) sold separately)
¹⁾ The continuous standby time and continuous communication time may vary depending on the communication network being used.	
²⁾ The continuous communication time when connected to a single wireless LAN (Wi-Fi®) device.	
³⁾ Use of USB2.0 or later is recommended as a sufficient transfer rate cannot be achieved with USB1.1. It should be noted that operation is not guaranteed with all computers.	
⁴⁾ Uses remote-activation from a smartphone. The product does not have a Bluetooth® tethering function.	
WAN	
Communication methods	5G, LTE, WiMAX 2+, UMTS (when using the product overseas with an au contract)
LAN	
Communication methods	Wi-Fi® (compliant with IEEE802.11a/b/g/n/ac/ax)
Supported frequencies	Wi-Fi®: 2.4 GHz/5 GHz (W52/W56 supported)
Wi-Fi security methods	WPA2-PSK (AES) WPA / WPA2-PSK (TKIP/AES) WPA3-SAE(AES) WPA2-PSK/WPA3-SAE(AES)
Maximum number of simultaneous connections ¹⁾	Wi-Fi®: 16 devices/USB: 1 device 2.4 GHz/5 GHz simultaneous transmission possible
¹⁾ When using the USB connection, and wired LAN and wireless LAN (Wi-Fi®) connections at the same time, up to 17 devices can be connected to the product.	