



User Guide

MAX Adapter Dongle:

MAX Adapter Dongle / MAX Adapter Dongle 5G

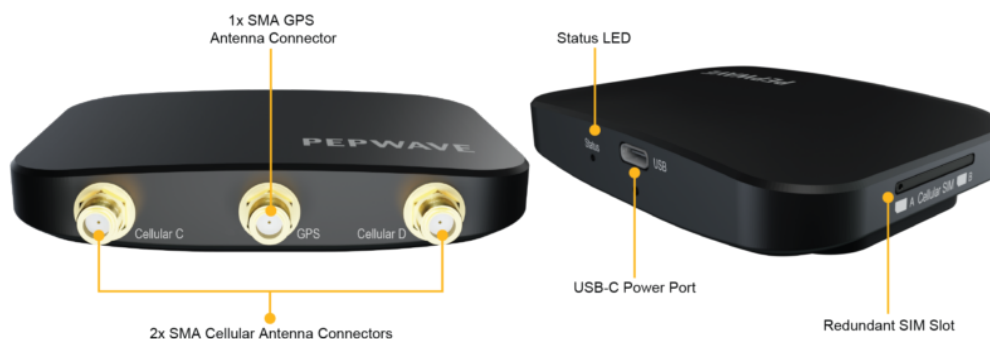
MAX Adapter Dongle: 2.0.0

June 2025

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2024 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

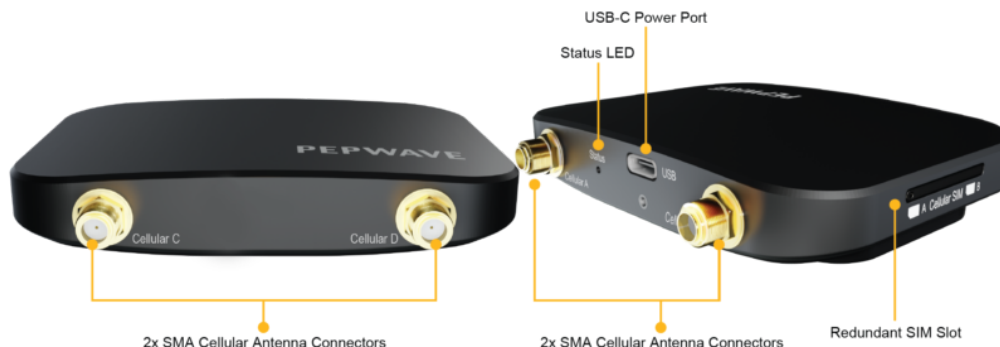
Specifications



	MAX Adapter Dongle
Cellular WAN Interface	Single LTE Modem
Redundant SIM Slot	Yes
Downlink / Uplink Data Rate	CAT-12: 600Mbps / 150 Mbps CAT-6: 300Mbps / 50Mbps
Antenna Connectors	2x SMA Cellular, 1x SMA GPS
Power Input	5V USB-C
Power Consumption	5W (nominal), 8W (max.)
Dimensions	3.9 x 2.8 x 0.6 inches / 100 x 71 x 15 mm
Weight	120g
Operating Temperature	32° – 104°F / 0° – 40°C
Humidity	15% - 95% (non-condensing)
Warranty	1-Year Limited Warranty
Certifications	FCC, CE, IC
Package Content	MAX Adapter Dongle, 2x LTE Antennas (ACW-813), USB-C Female to USB-A Male Adapter, USB-C Power Cable

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.



	MAX Adapter Dongle 5G
Cellular WAN Interface	Single 5G Modem
Redundant SIM Slot	Yes
Downlink / Uplink Data Rate	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps
Antenna Connectors	4x SMA Cellular
Power Input	5V USB-C
Power Consumption	5W (nominal), 8W (max.)
Dimensions	3.9 x 2.8 x 0.6 inches / 100 x 71 x 15 mm
Weight	120g
Operating Temperature	32° – 104°F / 0° – 40°C
Humidity	15% - 95% (non-condensing)
Warranty	1-Year Limited Warranty
Certifications	FCC, CE, IC
Package Content	MAX Adapter Dongle 5G, 4x LTE/5G LTE Antennas (ACW-235), USB-C Female to USB-A Male Adapter, USB-C Power Cable

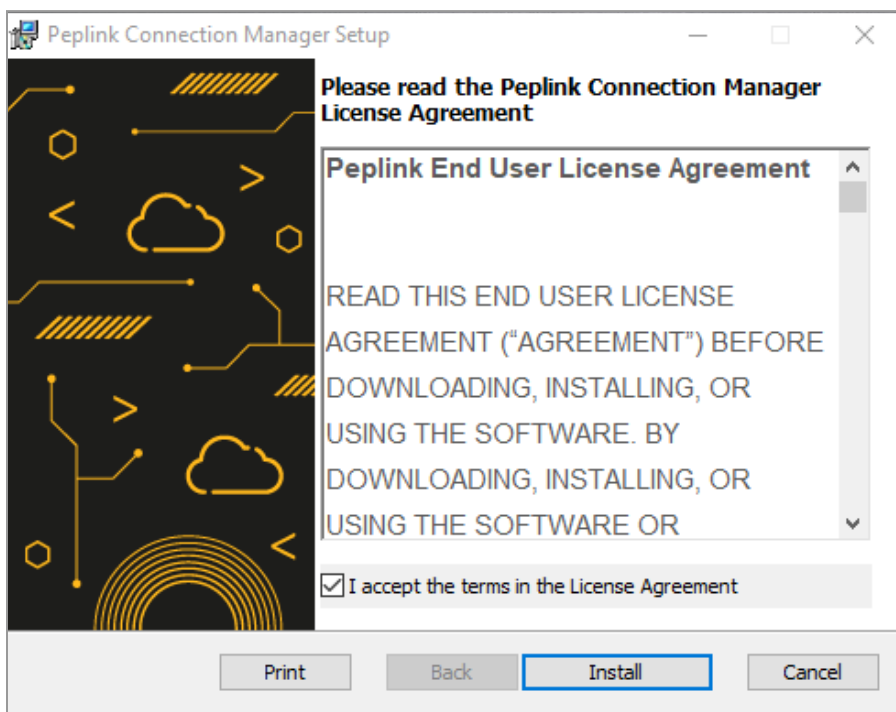
Installation Procedures

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

1. Download the connection manager manually using the link below:
<https://www.peplink.com/support/downloads/#max-adapter> OR > [here](#) <

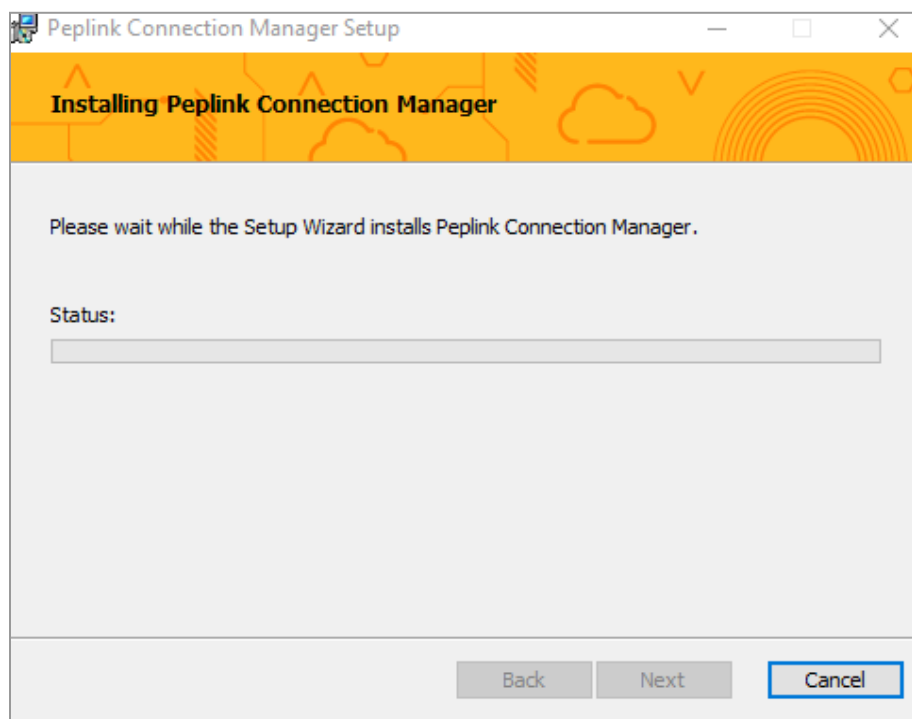
Peplink Connection Manager installation:



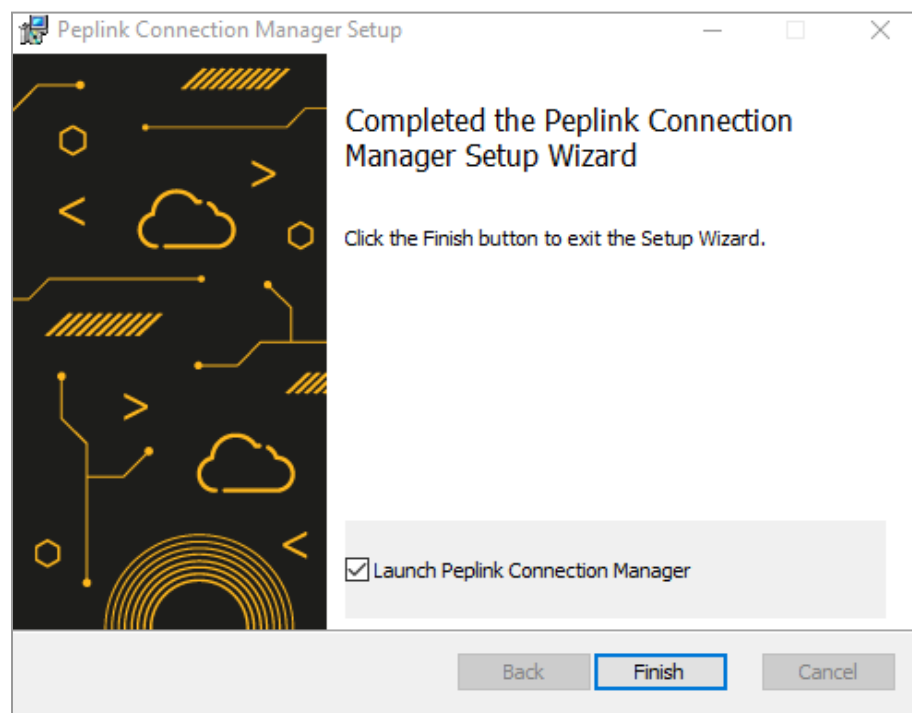
Tick the "I accept the terms in the License Agreement" before clicking the "Install" button.

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.



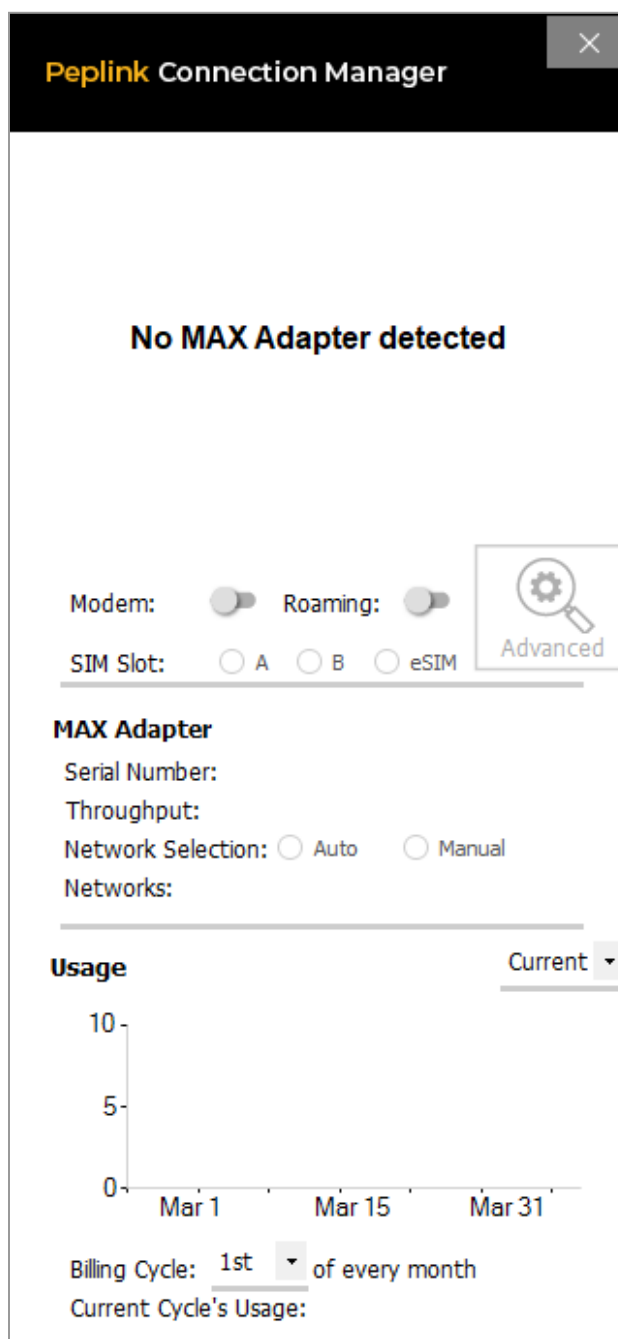
Wait for the installation to complete.



Tick “Launch Peplink Connection Manager” and click “Finish” after the installation is complete.

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.



This is the User Interface of the Peplink Connection Manager after launching the application.

2. Connect the USB-C power port to the laptop in order to power the MAX Adapter Dongle via USB-C cable.
3. Wait for the status LED to turn green and begin blinking.
4. You may manage the MAX Adapter Dongle settings via Peplink Connection Manager on the laptop.

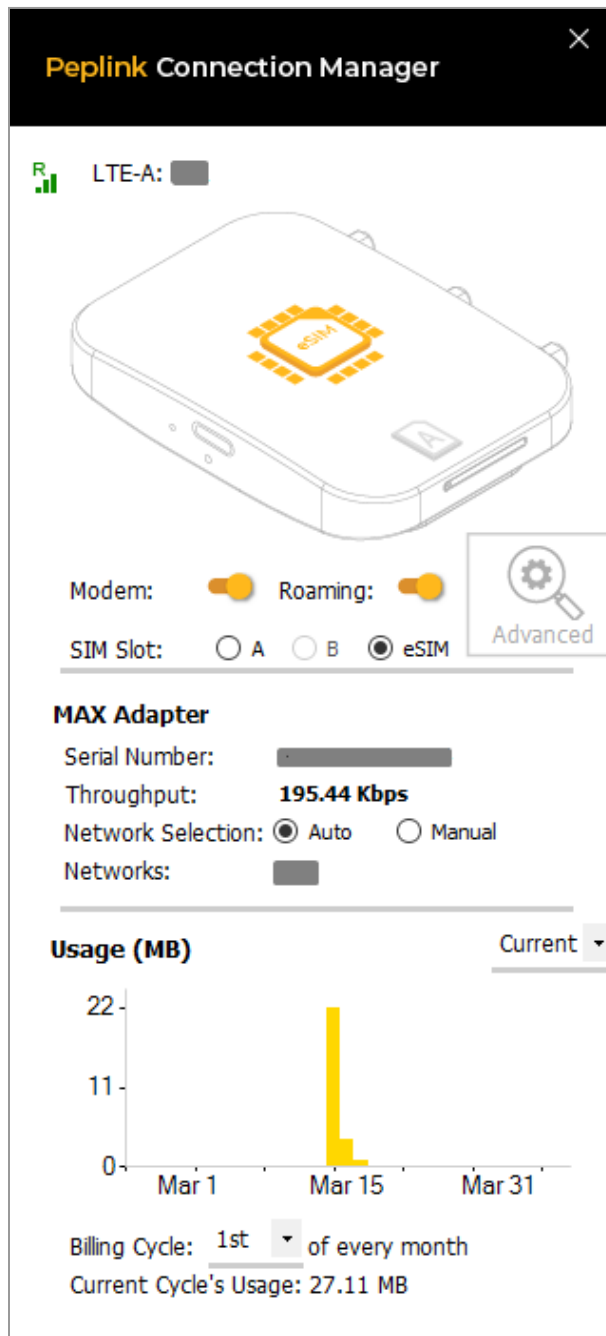
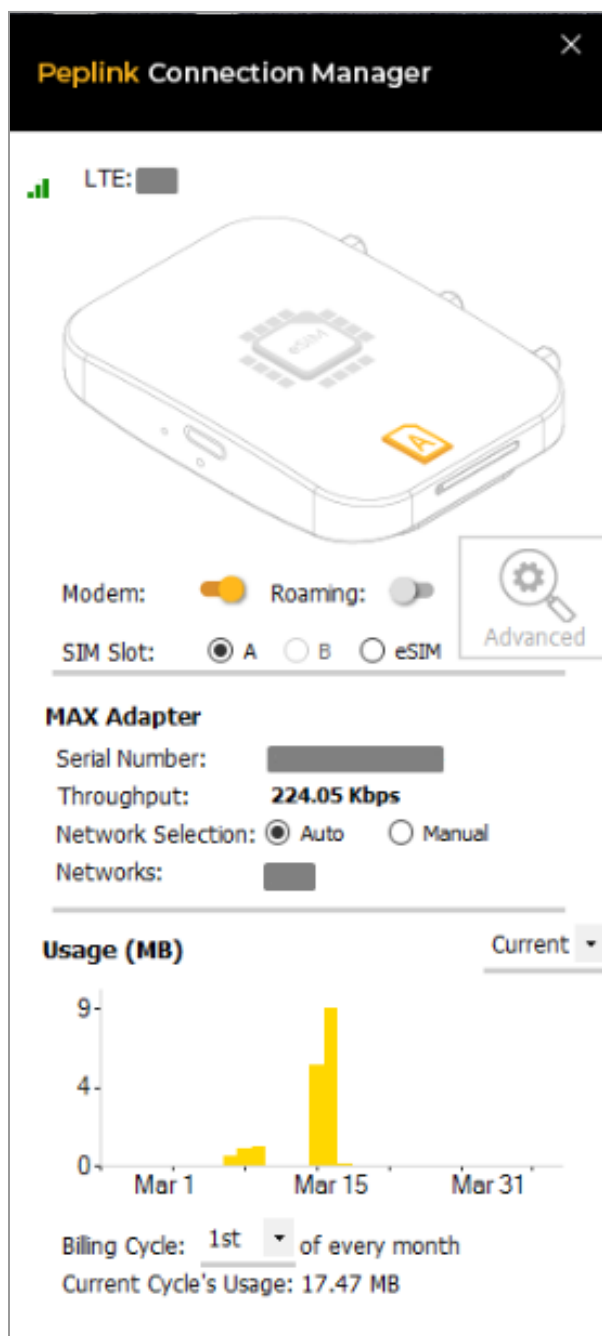
Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Peplink Connection Manager

The following screenshots are from the user interface of the Peplink Connection Manager after you have powered on the device with a SIM inserted for connectivity. You may choose which connection that you would like to use for the MAX Adapter Dongle with either a local SIM (which is SIM Slot A or SIM Slot B) or an eSIM for connectivity.

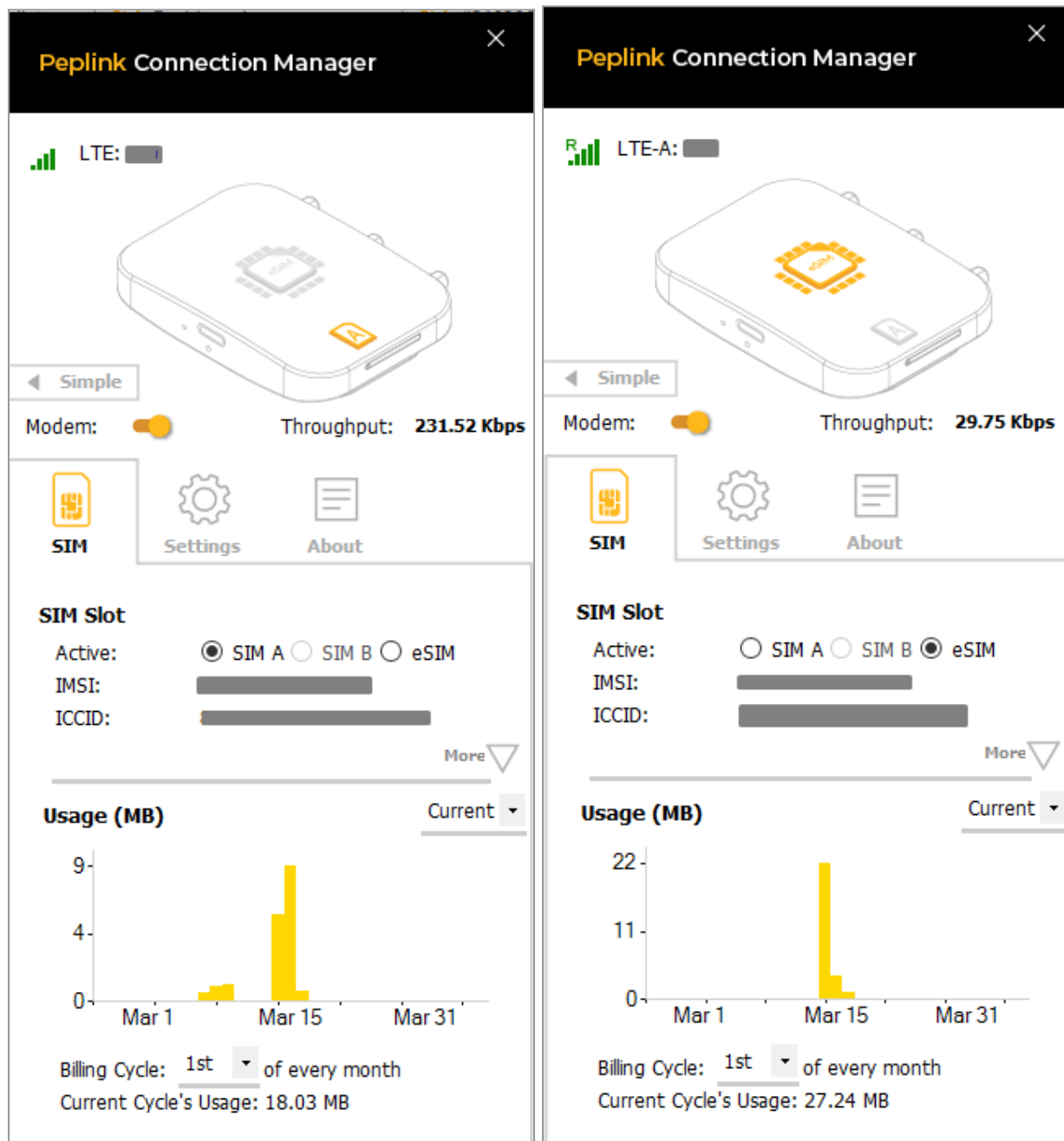
The section contains SIM status, general device information, throughput and usage (KB).



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

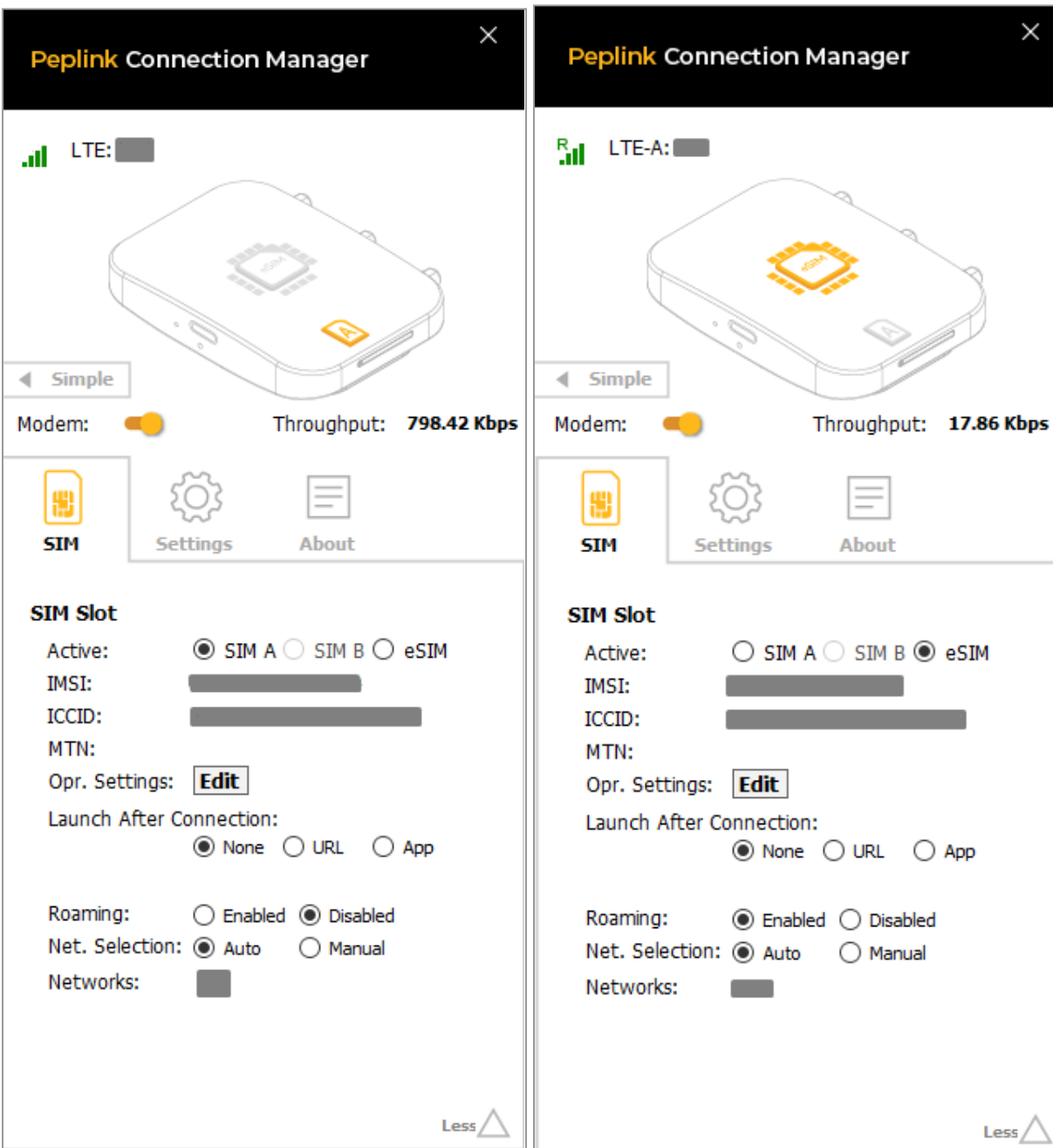
You may configure the SIM settings, system settings, and view the device information by navigating to the “Advanced” button.



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Click **"More"** to show more details about the SIM information such as "IMSI", "ICCID", "MTN", etc. You may click the **"Edit"** button under "Opr. Settings" to configure the APN settings of your connection.

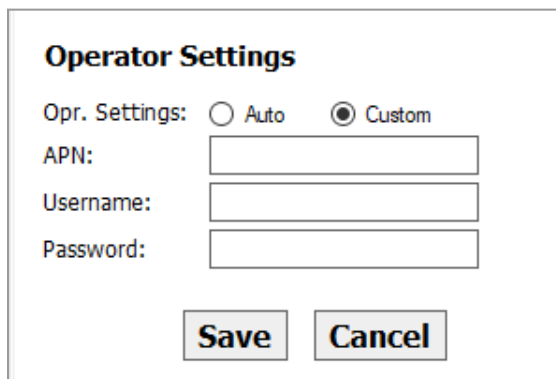


Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

This **Operator Setting** allows you to configure the APN settings of your connection. If **Auto** is selected, the mobile operator should be detected automatically. The connected device will be configured and the connection will be made automatically. If there is any difficulty in making a connection, you may select **Custom** to enter your carrier's APN, Username, and Password settings manually. The correct values can be obtained from your carrier.

The default and recommended setting is Auto.

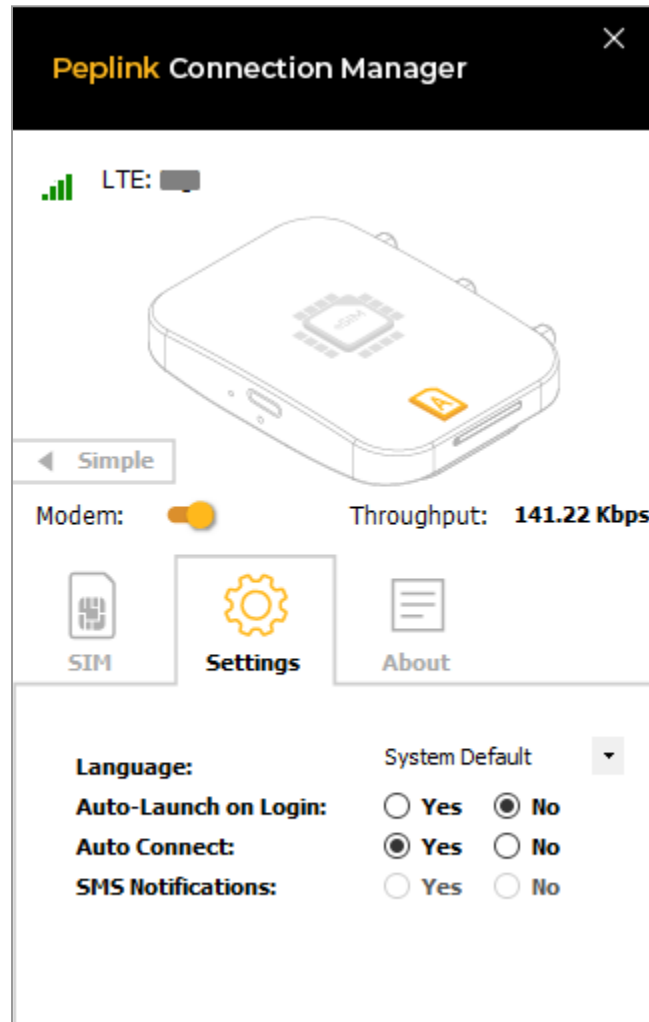


The image shows a dialog box titled "Operator Settings". Inside the dialog, there are two radio buttons for "Opr. Settings": "Auto" and "Custom". The "Custom" radio button is selected. Below the radio buttons, there are three text input fields labeled "APN:", "Username:", and "Password:". At the bottom of the dialog, there are two buttons: "Save" and "Cancel".

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

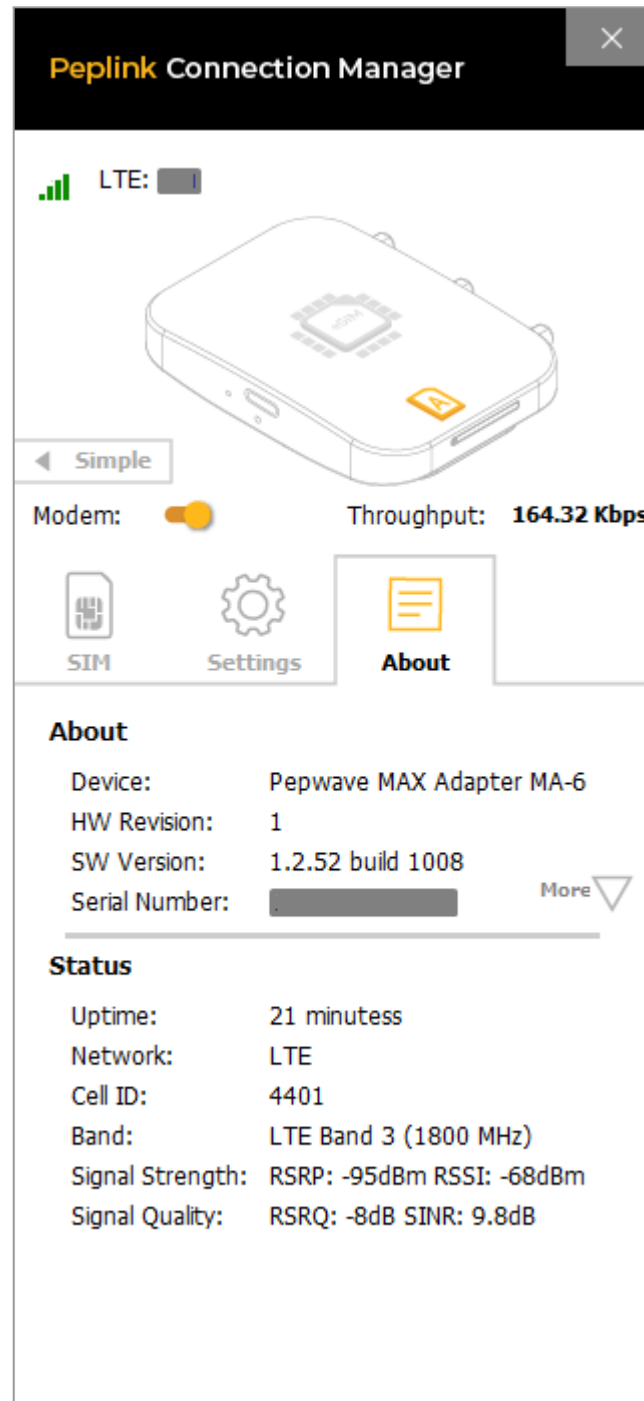
You may change the system settings such as “Language”, “Auto-Launch on Login”, “Auto Connect”, and “SMS Notifications” by navigating to the “**Settings**” tab.



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

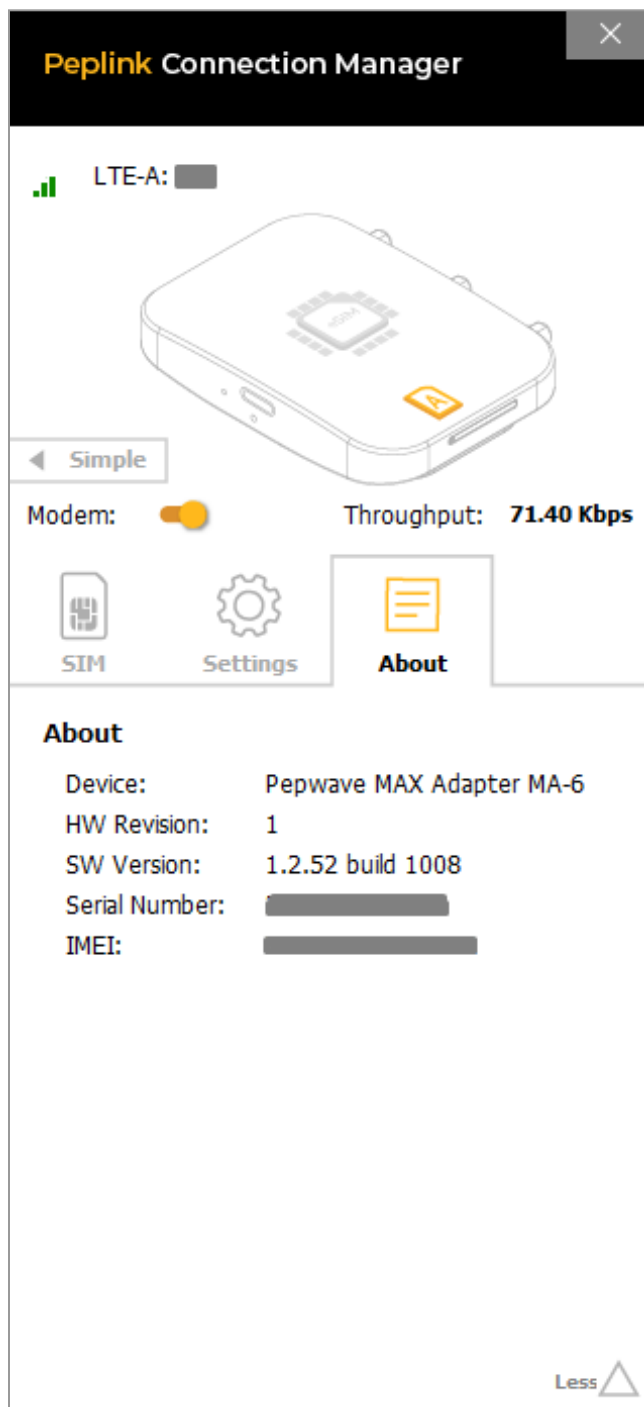
You may go to the **“About”** tab to view the device status and general device information such as “Serial Number”, “SW Version”, “Uptime”, “Signal Strength” and “Signal Quality”, etc.



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

You may view more device information such as “HW Revision”, “SW Revision”, and “IMEI” by clicking on the “**More**” button.



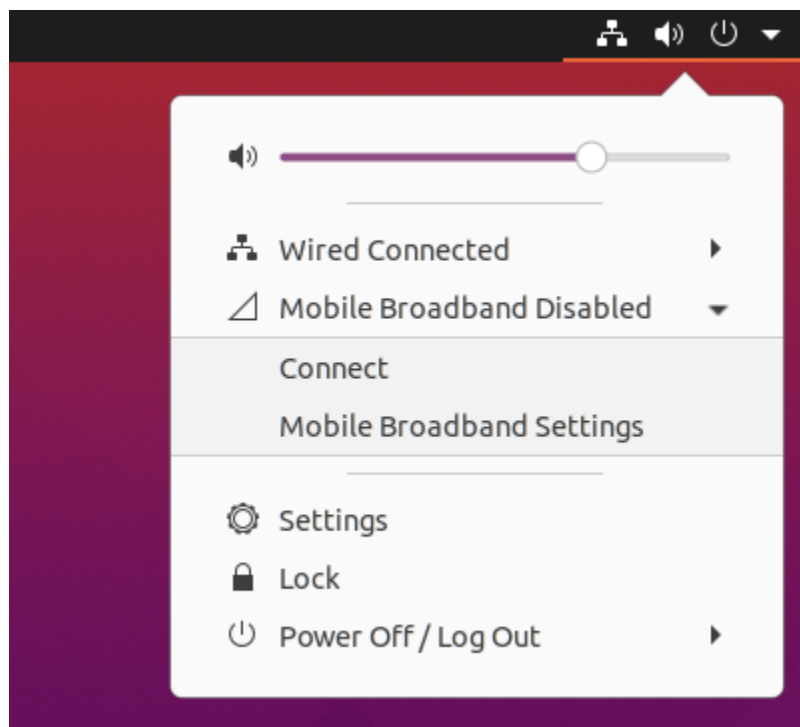
Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Setup on Linux Distributions

The following screenshots are from the user interface of the Linux distributions and describes the steps to setup the connection for the MAX Adapter Dongle on Ubuntu 20.04.1 TLS.

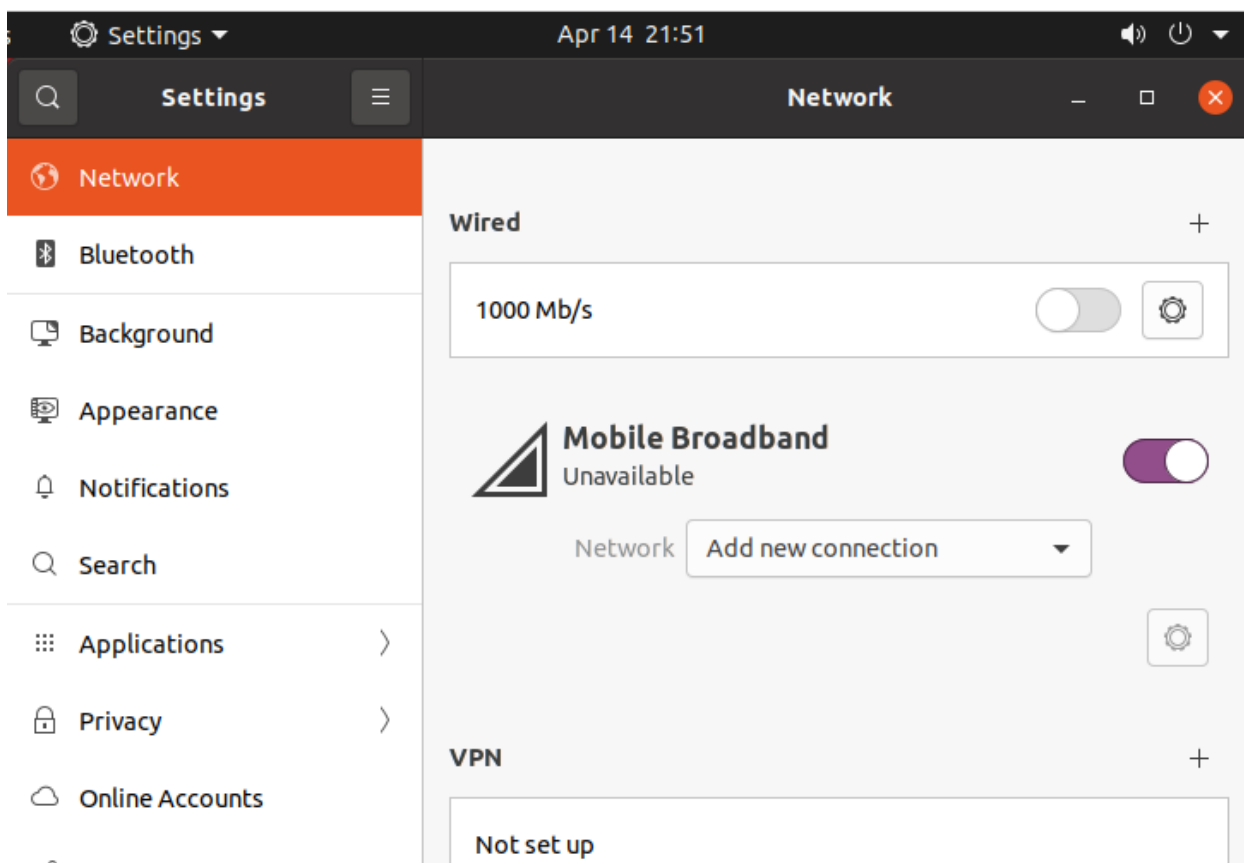
1. Download the Linux distributions software and install it.
2. Launch Ubuntu and connect the MAX Adapter Dongle via USB to your laptop.
3. When the MAX Adapter Dongle is connected, expand the “Mobile Broadband” dropdown menu by clicking on the right hand, and select the Mobile Broadband Settings. Alternatively, you may go to Settings.



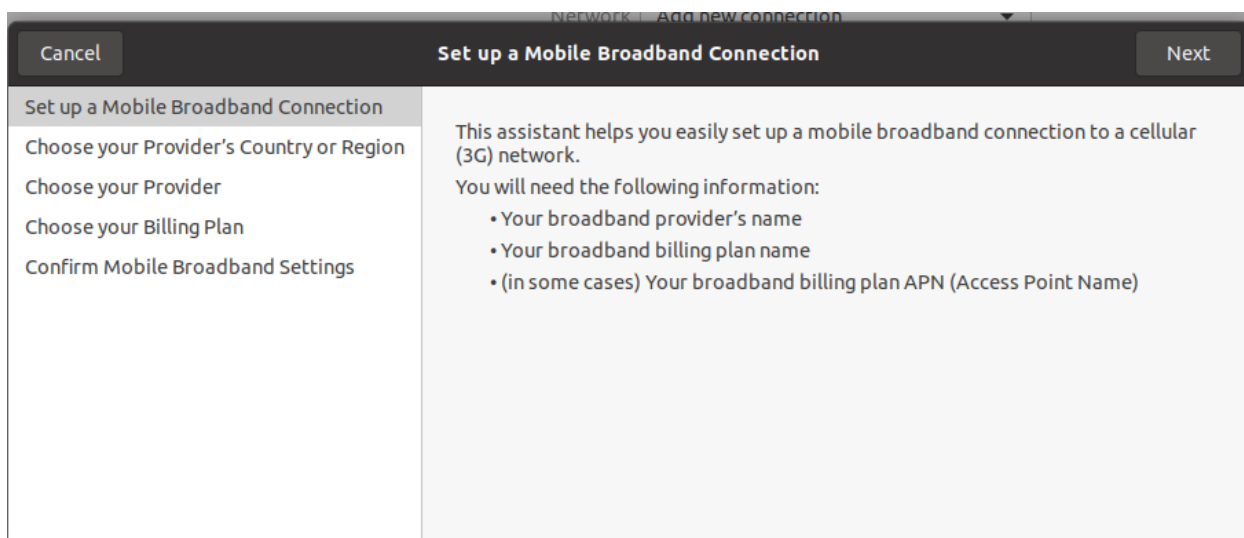
4. The page will navigate to the Network settings after clicking the Mobile Broadband Settings. You can select “Add new connection” from the dropdown menu to set up the mobile broadband connection profile.

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.



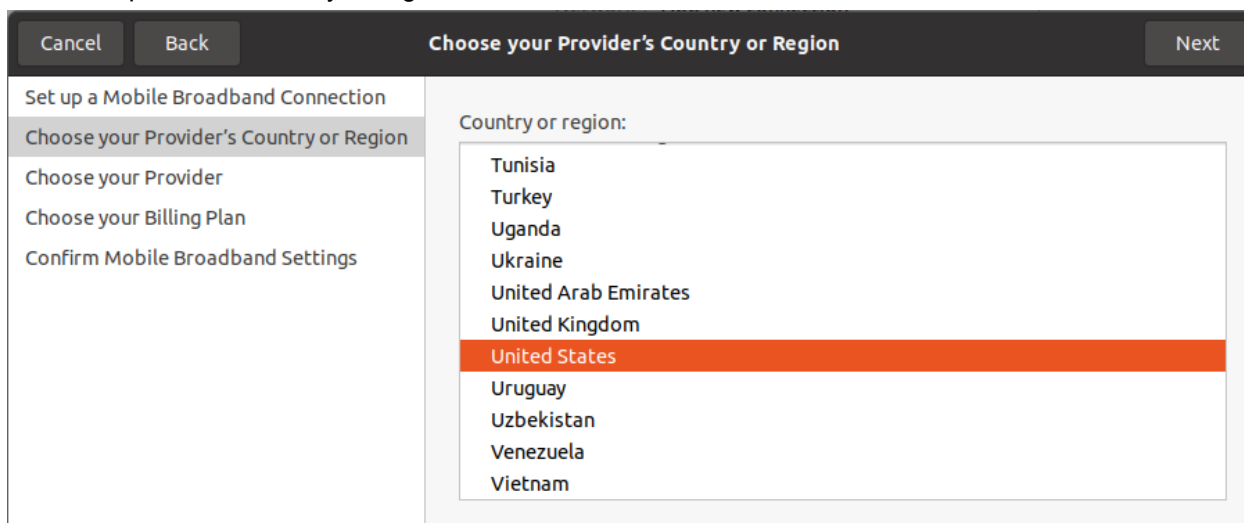
5. After selecting “Add new connection”, the mobile broadband profile setup will pop out. Click “Next” to continue.



Copyright & Trademarks

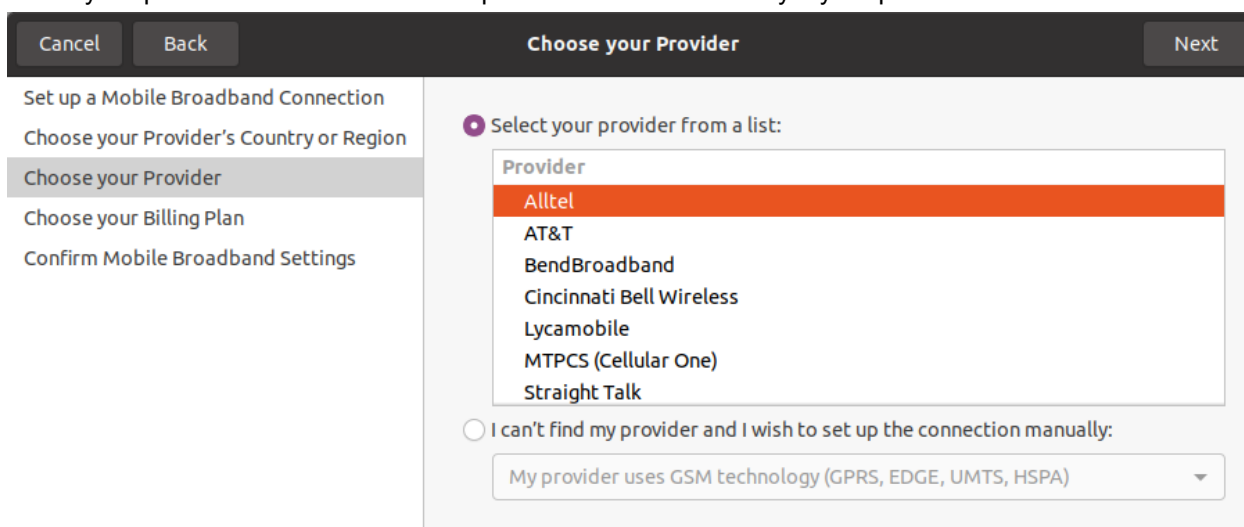
Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

- Select the provider's country or region and then click Next.



The screenshot shows a setup window titled "Choose your Provider's Country or Region". On the left is a sidebar with five steps: "Set up a Mobile Broadband Connection", "Choose your Provider's Country or Region" (which is highlighted), "Choose your Provider", "Choose your Billing Plan", and "Confirm Mobile Broadband Settings". The main area has a "Country or region:" label above a list of countries. The countries listed are Tunisia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States (highlighted in orange), Uruguay, Uzbekistan, Venezuela, and Vietnam. At the top of the window are "Cancel", "Back", and "Next" buttons.

- Select your provider from the list or set up the connection manually if your provider isn't listed.



The screenshot shows a setup window titled "Choose your Provider". The sidebar on the left is identical to the previous step, with "Choose your Provider" highlighted. The main area has a radio button selected next to the text "Select your provider from a list:". Below this is a list of providers: Alltel (highlighted in orange), AT&T, BendBroadband, Cincinnati Bell Wireless, Lycamobile, MTPCS (Cellular One), and Straight Talk. Below the list is another radio button option: "I can't find my provider and I wish to set up the connection manually:". Under this option is a dropdown menu that currently displays "My provider uses GSM technology (GPRS, EDGE, UMTS, HSPA)". The window has "Cancel", "Back", and "Next" buttons at the top.

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Cancel

Back

Choose your Provider

Next

Set up a Mobile Broadband Connection
Choose your Provider's Country or Region
Choose your Provider
Choose your Billing Plan
Confirm Mobile Broadband Settings

☐ Select your provider from a list:

Provider

Alltel

AT&T

BendBroadband

Cincinnati Bell Wireless

Lycamobile

MTPCS (Cellular One)

Straight Talk

☒ I can't find my provider and I wish to set up the connection manually:

My provider uses GSM technology (GPRS, EDGE, UMTS, HSPA)

8. Choose your data plan from the dropdown menu and it will auto-select the APN. Alternatively, you may customize the APN. The correct value can be obtained from your provider. Once completed, click Next.

Cancel

Back

Choose your Billing Plan

Next

Set up a Mobile Broadband Connection
Choose your Provider's Country or Region
Choose your Provider
Choose your Billing Plan
Confirm Mobile Broadband Settings

Select your plan:

LTE

Selected plan APN (Access Point Name):

fast.t-mobile.com


Warning: Selecting an incorrect plan may result in billing issues for your broadband account or may prevent connectivity.
If you are unsure of your plan please ask your provider for your plan's APN.

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Cancel

Back

Choose your Billing Plan

Next

Set up a Mobile Broadband Connection
Choose your Provider's Country or Region
Choose your Provider
Choose your Billing Plan
Confirm Mobile Broadband Settings

Select your plan:

My plan is not listed...

Selected plan APN (Access Point Name):


Warning: Selecting an incorrect plan may result in billing issues for your broadband account or may prevent connectivity.
If you are unsure of your plan please ask your provider for your plan's APN.

- Once setup is complete, confirm that the mobile broadband settings are correct before clicking "Apply".

Cancel

Back

Confirm Mobile Broadband Settings

Apply

Set up a Mobile Broadband Connection
Choose your Provider's Country or Region
Choose your Provider
Choose your Billing Plan
Confirm Mobile Broadband Settings

Your mobile broadband connection is configured with the following settings:

Your Provider:

T-Mobile, United States

Your Plan:

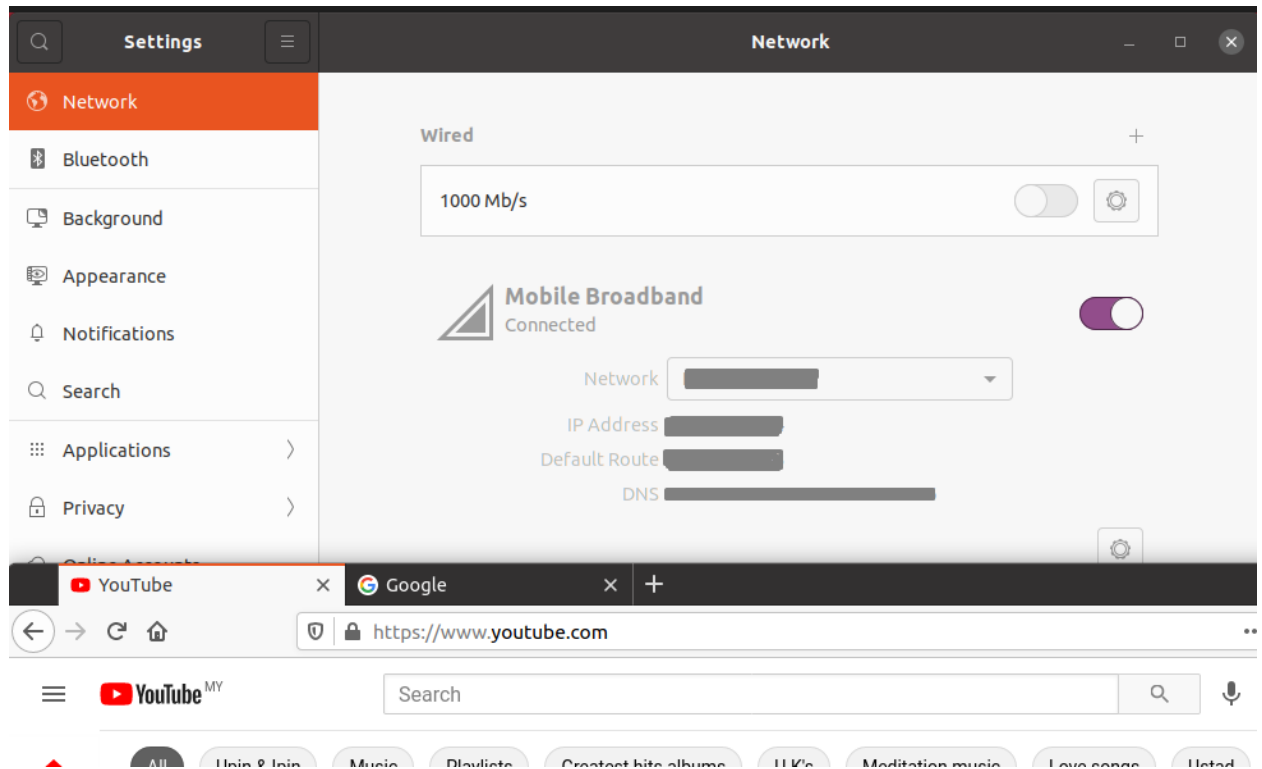
LTE

APN: fast.t-mobile.com

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

10. After clicking “Apply”, the mobile broadband will connect to the Internet using the MAX Adapter Dongle and you can start browsing the Internet.



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

FCC Requirements for Operation in the United States

Federal Communications Commission (FCC) Compliance Notice:

Federal Communication Commission Interference Statement

Any change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 distance between the equipment and the 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.

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.

Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Industry Canada Statement

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

Radiation Exposure Statement

This device complies with the ISED radiation exposure limit set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme avec l'exposition aux radiations ISED définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimum de 20 cm entre le radiateur et votre corps.

Copyright & Trademarks

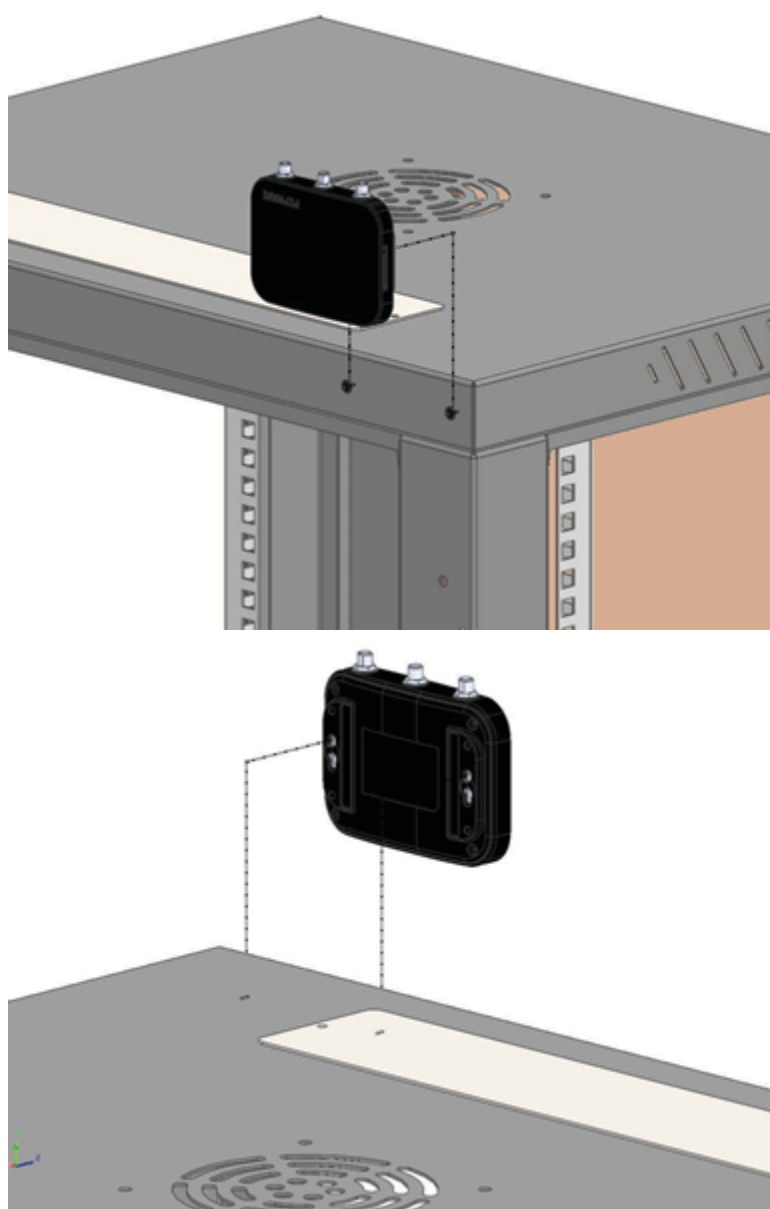
Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

Mounting the Unit

Wall Mount

The MAX Adapter Dongle can mount on the wall with screws. After adding the screw on the wall, MAX Adapter Dongle's bottom hole slide to the screws as indicated below. Recommended screw specification M3.5 x 20mm, head diameter 6mm, head thickness 2.4mm.

The MAX Adapter Dongle requires two screws for wall mounting.



Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

CE Statement for Pepwave Routers (MAX Adapter Dongle 5G For EM9191)

DECLARATION OF CONFORMITY

We affirm the electrical equipment manufactured by us fulfils the requirements of the Radio Equipment Directive 2014/53/EU.

Name of manufacturer	PISMO LABS TECHNOLOGY LIMITED
Contact information of the manufacturer	A8, 5/F, HK Spinners Industrial. Building., Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong tel. (852) 2990 7600, fax. (852) 3007 0588 e-mail: cs@peplink.com
Description of the appliance	PEPWAVE / PEPLINK Wireless Product
Model name of the appliance	MAX Adapter 5G MAX-ADP-5GH-T
Trade name of the appliance	 PEPWAVE

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

The construction of the appliance is in accordance with the following standards:

EN 301 908-1 V13.1.1
EN 62311: 2020
EN 301 489-1 V2.2.3
Draft EN 301 489-52 V1.1.2
EN 55032: 2015 / A11:2020
EN 55035: 2017 / A11:2020
EN 61000-3-2: 2014
EN 61000-3-3: 2013 / A1:2019
EN 62368-1:2020 + A11:2020

Yours sincerely,



Antony Chong
Director of Hardware Engineering
Peplink Pte. Limited

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

	AT	BE	BG	HR	CY	CZ	DK	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL	PT	RO	SK	SI	ES	SE	UK(NI)

WWAN : Refer 3GPP TS 36.521 -1 (UE Power class)

Table 4-11: Conducted Maximum Tx (Transmit) Power^a Tolerances

Bands	Conducted Tx Power	Notes
5G		
FR1 Sub-6G Bands	+23 dBm $\pm$ 1.5 dB	Power Class 3
LTE		
LTE B7, B38	+23 dBm +1.8 dB/-1.0 dB	Power Class 3
LTE all other bands	+23 dBm $\pm$ 1 dB	Power Class 3
UMTS		
All bands (12.2 kbps)	+23.5 dBm $\pm$ 1 dB	Connectorized (Power Class 3)

This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

contact as: <https://www.peplink.com/>

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

UK Statement for Pepwave Routers (MAX Adapter Dongle 5G For EM9191)

UK DECLARATION OF CONFORMITY

Name of manufacturer	PISMO LABS TECHNOLOGY LIMITED
Contact information of the manufacturer	A8, 5/F, HK Spinners Ind. Bldg., Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong tel. (852) 2990 7600, fax. (852) 3007 0588 e-mail: cs@peplink.com
Description of the appliance	PEPWAVE / PEPLINK Wireless Product
Model name of the appliance	MAX Adapter 5G MAX-ADP-5GH-T
Trade name of the appliance	 PEPWAVE

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

We declare under sole responsibilities that the above product conforms to the applicable requirements of following relevant UK legislation and designed standards.

UK legislation

Radio Equipment Regulations 2017

UK Designed Standard

EN 301 908-1 V13.1.1

Other Standards Applied

EN 62311: 2020

EN 301 489-1 V2.2.3

Draft EN 301 489-52 V1.1.2

EN 55032: 2015 + A11:2020

EN 55035: 2017 + A11:2020

EN 61000-3-2: 2014

EN 61000-3-3: 2013 + A1:2019

EN 62368-1:2020 + A11:2020

Yours sincerely,



Antony Chong
Director of Hardware Engineering
Peplink Pte. Limited

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.

UK PSTI Statement of Compliance



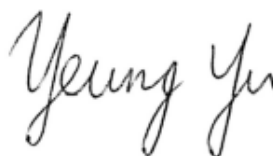
PSTI Statement of Compliance

We hereby declare that the product specified below is fully compliant with the applicable security requirements under Schedule 1 of the Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023 ("PSTI").

Product Description	Pepwave MAX Adapter 5G
Model	MAX Adapter 5G MAX-ADP-5GH-T
Product Code	MAX-ADP-5GH-T
Defined Support Period	5 years up to product's end-of-life date
Manufacturer Name	Pismo Labs Technology Limited
Manufacturer Address	A8, 5/F, HK Spinners Ind. Bldg., Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong

In line with those requirements, please be advised that:

1. Password for the product is to be defined by the user upon their first login.
2. Users can submit a security issues report about any security vulnerabilities by emailing to support@peplink.com or submitting a ticket at Peplink Ticketing System (<https://ticket.peplink.com/>). If submitted by email, users will receive an acknowledgement. In either case, users will receive status updates at the Peplink Ticketing System.
3. We generally provide security updates for up to 5 years after a product's end-of-life date (i.e. a "**defined support period**"). For more information, please visit, <https://www.peplink.com/support/downloads/>



Eddy Yeung
Director for Software Engineering
Issued from Hong Kong
On 03 September 2024

Copyright & Trademarks

Specifications are subject to change without notice. Copyright © 2021 Peplink Ltd. All Rights Reserved. Peplink and Peplink logo are trademarks of Peplink Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners.