



User Manual

FCC/IC Compliance Statement

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). 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.

CAUTION : Any Changes or modifications not expressly approved by the manufacturer 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 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.

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.

Enonce d'Industrie Canada(IC)
Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Tout changement ou modification non expressement approuve par la partie chargee de la mise en conformite peut annuler le droit de l'utilisateur a utiliser l'equipement.

Une distance de separation minimale de 20 cm doit  tre maintenue entre l'antenne et la personne pour que cet appareil satisfasse aux exigences d'exposition aux RF



V 4.0



Quick Installation Guide W550CA

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1. Caution

Please follow the instructions below to avoid physical injury or property damage:

Caution & Warning

- This unit is indoor use and all the communication wirings are limited to inside of the building.
- DO NOT plug in, turn on or attempt to operate an obviously damaged unit.
- DO NOT allow anything to rest on the power cable, and do not place this product where people will stand or walk on the power cable.
- DO NOT use near water.
- DO NOT place near high temperature source.
- DO NOT disassemble the unit.
- DO NOT operate the unit in a location where the maximum ambient temperature exceeds 45 C.
- Ensure that the power source for the system is adequately rated to assure safe operation and provide current overload protection.
- Avoid impact stresses when handling connectors.
- Check the available voltage supply.
- Only use the unit in dry rooms.
- Set up the unit away from direct sunlight or other electrical equipment.
- Only connect approved accessories.
- It may only be repaired by authorized service personnel.
- This equipment is not suitable for use in locations where children are likely to be present.

Limited Warranty

- Not covered under this warranty is defect and damage resulting from product disassembly by yourself. And also, such behavior may amount to intellectual property infringement.

2. Introduction

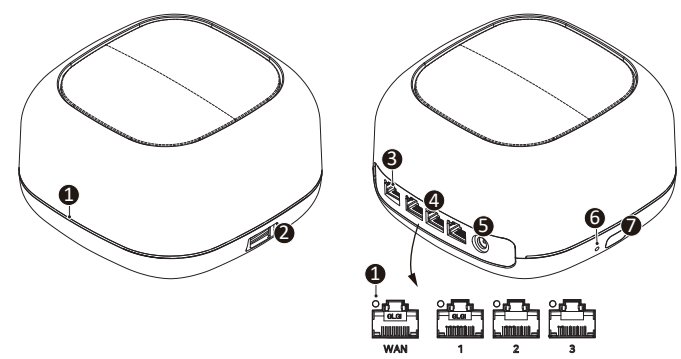
2.1 Package Contents

- W550CA (Wi-Fi Access Point)
- Power Adaptor
- RJ45 UTP cable
- QIG (Quick Installation Guide)

2.2 Specification

Item	Specification
WAN	1 10/100/1000Base-T port (RJ-45)
LAN	3 10/100/1000Base-T ports (RJ-45)
Power Adaptor	12VDC/1.5A
Wi-Fi	WiFi6 (2.4G/5G), 2x2 MIMO, Internal antenna
USB	1 USB Host 2.0
Operating Temp.	32 to 113�F (0 to 45�C)
Operating Humidity	0 to 90% (non-condensing)
Dimensions	140 x 140 x 86.40 mm (W x D X H)
FCC	
Frequency Range	2412MHz ~ 2462MHz / 5180MHz ~ 5825MHz
802.11 protocol	802.11a/b/g/n/ac/ax
Maximum RF Power	2.4GHz : 24 dBm, 5GHz : 25 dBm
CE/UKCA	
Frequency Range	EU : 2412MHz ~ 2472MHz / 5180MHz ~ 5700MHz UK : 2412MHz ~ 2472MHz / 5180MHz ~ 5825MHz
802.11 protocol	802.11a/b/g/n/ac/ax
Maximum RF Power	2.4GHz : 18.5 dBm, 5GHz : 25.5 dBm, 5.8GHz(UK) : 20 dBm

2.3 Interface



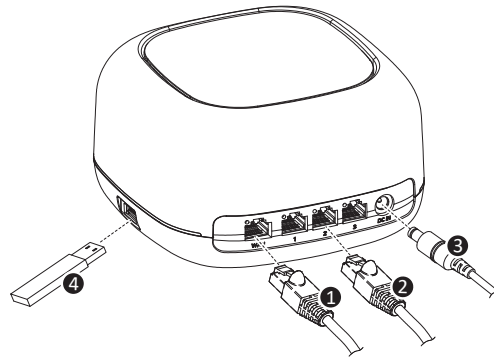
Item	Description
① LEDs	Operating status LEDs.
② USB	Connect an external USB drive
③ WAN	Connect the unit to the Internet 1 10/100/1000Base-T interface
④ LAN	Connect to PC or LAN 3 10/100/1000Base-T interfaces
⑤ Power port	Connect an external power supply
⑥ RESET button	Reboot the unit
⑦ WPS button	Enables WPS process

2.4 LED

Label	Light	Status	Definition
Front	Red	On	System booting
	Blue	On	Normal operation
	Green	Blink	WPS pairing process
		Off	Power off
WAN	Green	On	Linked
		Blink	Data transmitting
		Off	Pending or no signal
LAN1~3	Green	On	Linked
		Blink	Data transmitting
		Off	Link is down

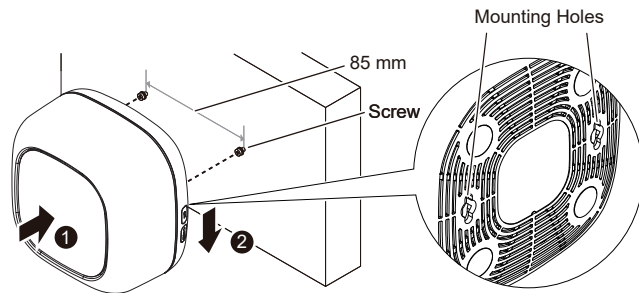
3. Installation

- ① Connect the Ethernet cable from WAN.
- ② Connect the Ethernet cable from LAN port to PC.
- ③ Connect the power cable from power port to an electrical outlet.
- ④ (Optional) USB interface for ancillary devices.



Mounting on a Wall

If necessary, you may have your unit mounted on a wall using mounting holes.



4. Web Access

You can access the unit through a web browser by using the following steps:

- ① Connect an Ethernet cable from your computer to LAN on the W550CA.
- ② Launch a browser or telnet session and point it to **192.168.55.1**
- ③ Enter the username and password.

  For username/password and a default SSID/PW, please check the label on the bottom panel of your unit.

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