

Edge Computing Gateway

Model EC3331

Product Overview

What is it?

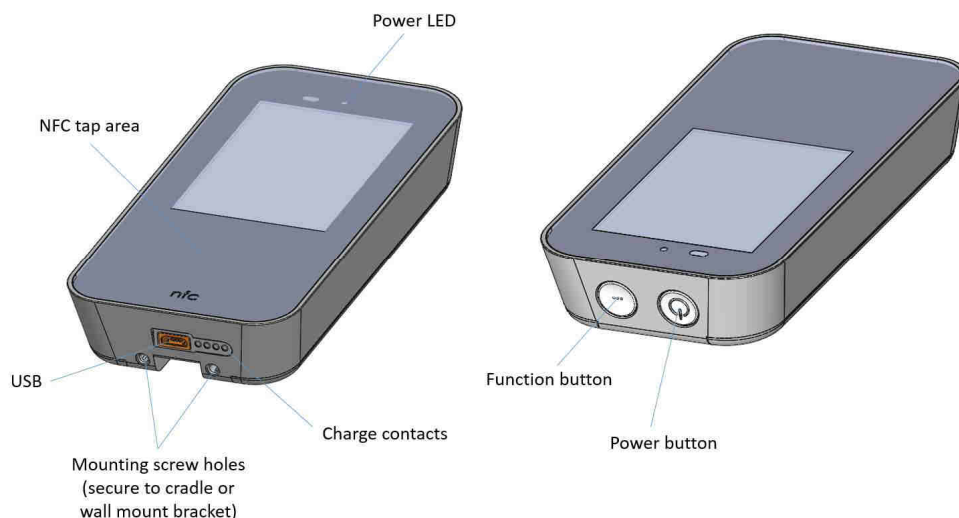
The Edge Computing Gateway (Model EC3331) is an Intel® Atom based BT/Z-Wave to 3G/2G/Wi-Fi bridge device that enables you to collect data from monitoring devices and securely send that data to the cloud.

What do I need to get started?

Use of this product requires you to have internet connectivity via 3G or Wi-Fi. Before assembling, charging or using your Edge Computing Gateway for the first time, please read the important product safety and legal information contained within this document.

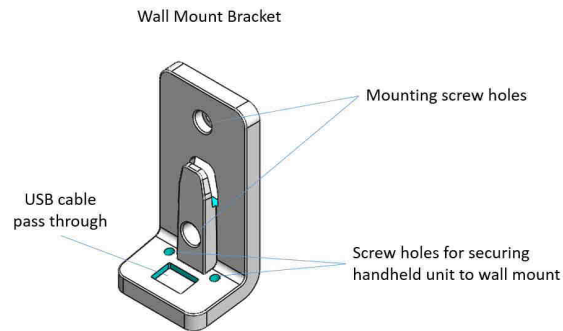
What's in the box?

- 1 x Edge Computing Gateway (Model EC3331) Hub
- 1 x Docking cradle for AC power and DC charging.
- 1 x Wall wart power supply adapter (with plugs to support different country specific outlets)
- 1 x USB Cable (1 meter)
- 1 x Wall mount bracket
- 1 x Assembly Kit (Drywall anchors/screws for wall mount bracket, non-slip foot/adhesive for docking cradle)

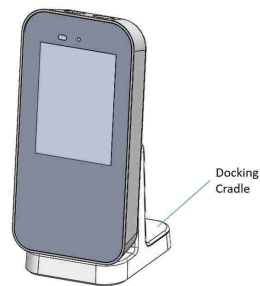


How do I hook it up?

1. Find an ideal electrical outlet to plug in your Edge Computing Gateway docking cradle
2. If you choose to use the wall mount bracket, use the wall anchors & screws included in the assembly kit to secure the bracket to the wall.



3. Position the device in an upright position either on the wall mount bracket or in the docking cradle.



4. Charge the Edge Computing Gateway (Model EC3331) fully before use. It could take up to 4 hours to fully charge.

TIPS: The outlet should ideally be in clear visible sight with no obstructions within 5 feet.

Connecting to 3G network

The Edge Computing Gateway includes and ships with a pre-configured 3G SIM card and data plan with AT&T.

Simply powering on the unit will activate the account after a few minutes, assuming a connection can be established to AT&T's network.

Connecting to the Home Wi-Fi network

Wi-Fi connectivity is available but would need to be configured and programmed by an end user via an NFC card.

Questions?

For service related questions please call your network provider.

Safety Information

Important Safety Precautions

- Use only docking cradles, cables and wall wart power supply adapters supplied with the Edge Computing Gateway EC3331. Use of docking cradles, cables and wall wart power supply adapters that have not been approved by Flex might present a risk of fire or explosion, which could cause serious harm, death or property loss.
- Keep the Edge Computing Gateway hub at least 0.2 in. (5.0 mm) away from your body and do not make contact with your head. If you do not follow these guidelines, your hub may exceed radio frequency exposure standards. For more information, visit www.fcc.gov/oet/ea/fccid and search for the FCC ID for the Edge Computing Gateway listed below.
 - Edge Computing Gateway (model number EC3331):
 - FCC ID QQD-EC3331
 - IC: 5248S-EC3332
- Your Edge Computing Gateway is designed to operate in temperatures between 0 and 35°C (32 and 95°F) in an inside environment only. Use of your Edge Computing Gateway hub outside of the recommended temperature range could cause damage to your hub or lithium-ion battery.
- Your Edge Computing Gateway is not an intrinsically safe device and is not suitable for use in hazardous environments.
- Do not use your Edge Computing Gateway or EC3331 accessories near water (for example, near a bathtub or a sink, in a wet basement or near a swimming pool)
- Do not use sharp objects on the screen
- Do not use excessive force on the screen
- Do not attempt to modify or service your Edge Computing Device

Battery Safety

Warning: Your Edge Computing Gateway (Model EC3331) contains a nonremovable lithium-ion battery.

- Do not attempt to remove the battery from your hub. Removing the battery will void the warranty and could cause damage to your Edge Computing Gateway or the battery. The battery might present a fire, explosion, chemical burn or other hazard if mistreated.
- Do not crush or expose your Edge Computing Gateway to liquids or heat. This may damage the battery or cause burns and injury.

Battery Charging

- During charging keep your Edge Computing Gateway and docking cradle near room temperature for efficient battery charging.
- New batteries are not fully charged
- New batteries or batteries stored for a long time may take longer to charge

Interference with Electronic Equipment

Generally modern electronic equipment is shielded from radio frequency signals. However, specific electronic equipment might not be shielded against the radio frequency signals from your Edge Computing Gateway. If you use a pacemaker, hearing aids or other medical devices, consult your physician and the device manufacturer directions before using this device.

Operating and Storage Temperatures

Your Edge Computing Gateway hub and docking cradle are designed to be operated and stored within the temperatures outlined below:

Edge Computing Gateway operating: 0 to 35°C (32 to 95°F)

Edge Computing Gateway storage (less than 3 months): -20 to 35°C (-4 to 95°F)

Edge Computing Gateway storage (3 months or more): 22 to 28°C (71.6 to 82.4°F)

Docking cradle operating: 0 to 35°C (32 to 95°F)

Docking cradle storage: -30 to 75°C (-22 to 167°F)

Usage or storage of your Edge Computing Gateway hub or accessories outside of the recommended temperature ranges could cause the hub to become hot which could cause damage to the hub, the accessories or the lithium-ion battery.

Keep your Edge Computing Gateway and accessories away from heat sources, such as radiators, heat registers, stoves or other apparatus that produce heat.

Cleaning and Repair

Cleaning: Do not use liquid, aerosol cleaners or solvents on or near your Edge Computing Gateway hub or accessories. Disconnect cables and unplug any charging accessories from the electrical outlet before cleaning the hub or accessories.

Repair: Do not attempt to modify, disassemble or service your Edge Computing Gateway hub or docking cradle. Only qualified service personnel shall perform repairs to your hub or docking cradle.

Failure to adhere to all safety instructions contained in the user documentation for the Edge Computing Gateway (Model EC3331) will void the warranty and may result in legal action.

Edge Computing Gateway and Battery Disposal

- Do not dispose of the Edge Computing Gateway hub or the battery in household waste bins or in a fire.
- Your Edge Computing Gateway hub and lithium-ion battery are recyclable where facilities exist. Dispose of your hub and lithium-ion battery in accordance with the laws and regulations in your area.
- In the United States and Canada, you can recycle your Edge Computing Gateway hub and lithium-ion battery through the Call2Recycle program. For more information, visit www.call2recycle.org in the United States and visit www.call2recycle.ca in Canada.

Regulatory Information USA

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

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.

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.

RF exposure safety

The Edge Computing Gateway (Model EC3331) is a radio transmitter and receiver. It is designed not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (USA), ISED (Canada) and the European Union (EU).

The exposure standard for wireless devices uses a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg. Testing is conducted with the device transmitting at its highest certified power level.

The highest SAR tested value for your Edge Computing Gateway (Model EC3331) is: 1.39 W/kg. To further reduce your RF exposure, keep the Edge Computing Gateway hub either in its charging cradle or a minimum of 5 mm away from your body.

Regulatory Information Canada

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

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorisation de l'utilisateur d'utiliser l'équipement.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent 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 compromettre le fonctionnement.

RF exposure safety

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Le Edge Computing Gateway (Modèle EC3331) est un émetteur et un récepteur radio. Il est conçu pour ne pas dépasser les limites d'émission pour l'exposition à l'énergie radiofréquence (RF) établie par la Federal Communications Commission (USA), l'ISED (Canada) et l'Union européenne (UE).

La norme d'exposition pour les appareils sans fil utilise une unité de mesure connue sous le nom de taux d'absorption spécifique, ou SAR.

La limite SAR pour les appareils mobiles est de 1,6 W / kg. Les tests sont réalisés avec le dispositif qui transmet à son niveau de puissance certifié le plus élevé.

La valeur testée SAR la plus élevée pour votre Edge Computing Gateway (modèle EC3331) est: 1.39 W / kg.

Afin de réduire votre exposition aux radiofréquences, gardez le hub Edge Computing Gateway soit dans son berceau de charge, soit à un minimum de 5 mm de votre corps.

CAN ICES-3 (B)/NMB-3(B)