

Option CloudGate Nano (CM0126-12xxx Family)



Product codes:

- **CM0126-12161 (Base model)**
- **CM0126-12162 (with WLAN AP/Client)**
- **CM0126-12202 (with LoRaWAN 868+9XX)**
- **CM0126-12195 (with internal Last Gasp Battery)**

Product Technical Descriptions:

1. **CM0126-12161 (Base Model)**

- CG Nano is a “slim-size” worldwide LTE Cat M1/NB1 Programmable Multicarrier Gateway with 2G fallback
- It comes standard with 1 Ethernet, M-Bus & RS232/RS485 interfaces with optional GPS.
- Please see CG Universe for further documentation on this product.
- CG Nano is the idea smart sensing and smart metering Gateway.
- It features worldwide certification, secure remote access, connectivity back-up
- Variants are available with optional plug-in card that include WLAN, LoRaWAN and Last-gasp battery.

2. **CM0126-12162 (with WLAN AP/Client)**

- CG WLAN 3.0 plug-in card is integrated in the CM0125-12162
- Please see CG Universe for further documentation on this card
- The WLAN CG2131 Expansion Plug-in card features client & access point mode. WLAN antenna connector is located on rear of CG Nano. Up to 32 clients can be connected.
- It is built around a certified chipset RS9116N-DB00-CC0 from Redpine Signals (CE, FCC and ISED).

3. **CM0126-12202 (with LoRaWAN 868+9XX)**

- CG LoRaWAN base station plug-in card is integrated in the CM0125-12202
- Please see CG Universe for further documentation on this card
- LoRaWAN antenna connector is located on the rear of CG Nano.
- It is built around a certified chipset from Semtech SX1302 (CE, FCC and ISED).

OPTION

- The LoRaWAN expansion plug-in allows the CloudGate gateway to connect to all LoRaWAN wireless sensors.
 - LoRaWAN nodes in the LuvitRed application on CloudGate include:
 - LoRa Forwarder: LoRaWAN packet forwarder node to communicate with cloud-based LoRaWAN network controller (private or public). Special forwarders for specific network controllers such as Actility and Lorient are available.
 - LoRa Server: LoRaWAN server node to create a private LoRaWAN network
 - LoRa App: Manage LoRaWAN sensors in a LoRaWAN application
 - LoRa Device: LoRaWAN sensor node in the LoRaWAN application (see on the right)
- 4. CM0126-12195 (With Integrated Last-gasp battery)**
- CG Nano with integrated battery provides battery back-up for the CG in the event of a mains power loss for up to one hour for non-interrupted operation.
 - It allows the CG to send out an alert about a power loss
 - It is a “slim-size” worldwide LTE Cat M1/NB1 Programmable Multicarrier Gateway with 2G fallback

CloudGate micro does not support inserting expansion cards in the front nor the back side.

Customs code (used for shipping) for CloudGate Nano is 8517620090.

(*) See [Safety Warning](#) in the Environmental Specifications section