OMRON IoT Gateway

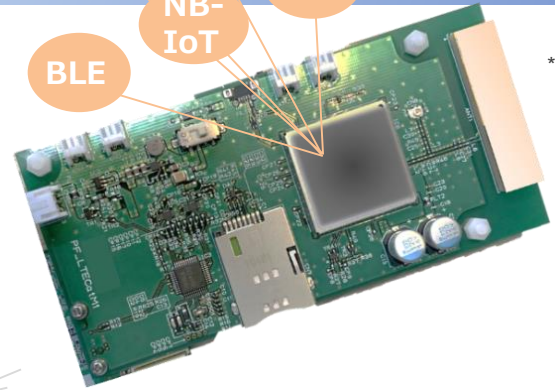*Developing an IoT Solution has Never Been Easier!*

The Choice is Yours!

LoRa WAN®

LTE-Cat.M1

NB-IoT

WiFi

BLE

*2

Features

1 Speedy Development

- OMRON has several hardware options for Interface, Wireless communication, and Power Supply.
- We provide the software library platform, helping you easily develop software.
- Allows for easy integration into your solution.
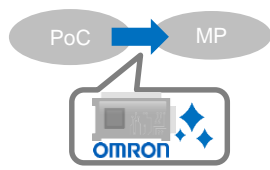
Original Gateway

2 Your Choice! Simple & Compact

- You can choose specific features that are needed for your end solution.
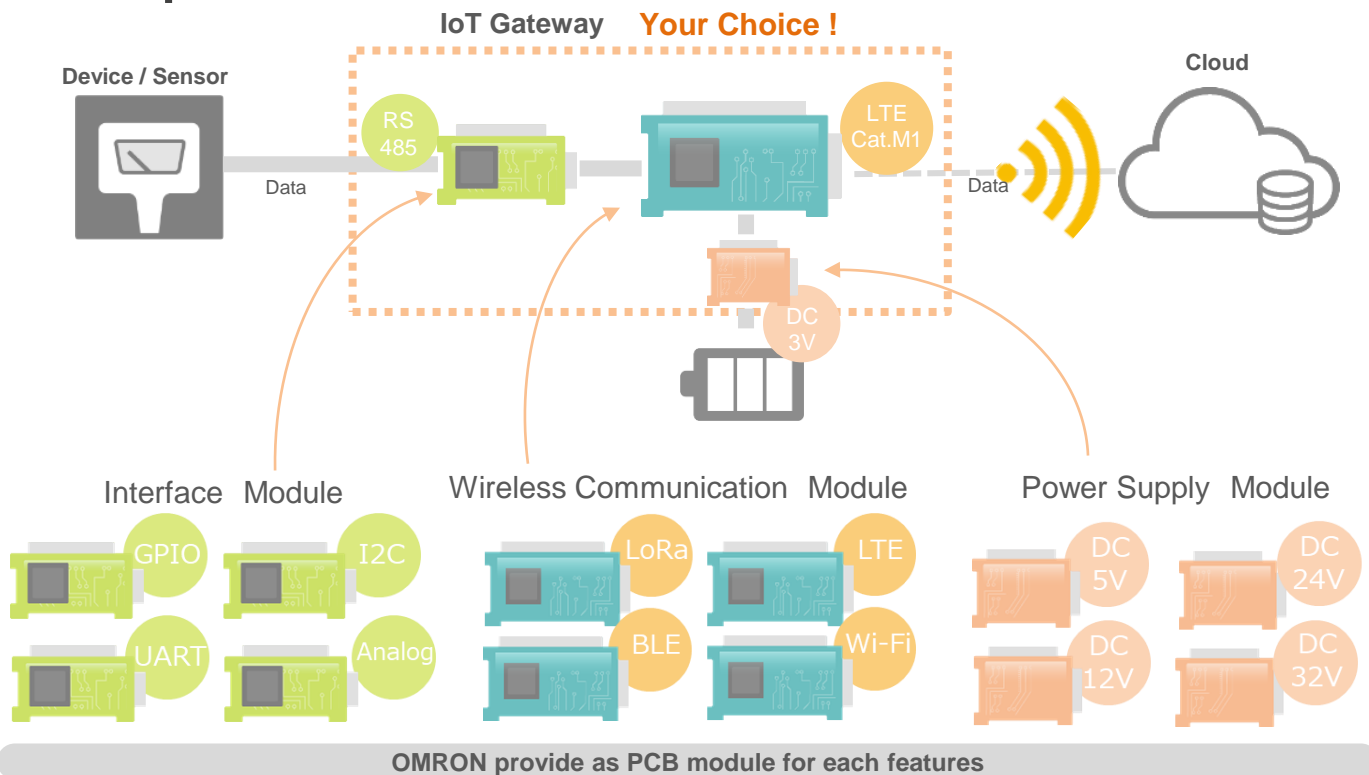- You have the power to customize the module to fit your solution.

3 Quickly Move to Mass Production

- Omron will ensure the reliability of each module.
- Easily move from PoC stage to mass production stage.

PoC → MP

OMRON

Our Concept

IoT Gateway   Your Choice !

Device / Sensor

RS 485

LTE Cat.M1

Cloud

Data

Data

DC 3V

Interface Module

GPIO   I2C

UART   Analog

Wireless Communication Module

LoRa   LTE

BLE   Wi-Fi

Power Supply Module

DC 5V   DC 24V

DC 12V   DC 32V

OMRON provide as PCB module for each features

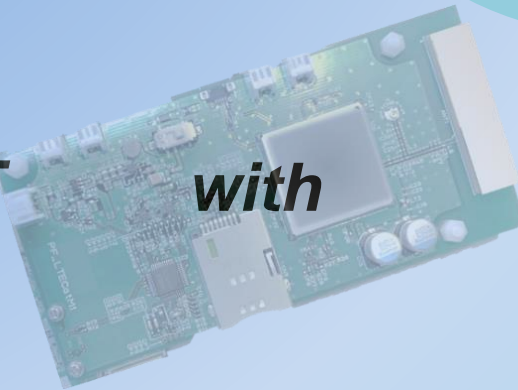*1: LoRaWAN® is a trademark of Semtech Corporation.
*2: Specifications and structures may be changed without prior notice.

OMRON

Speedy development support by software library

Platforming the software library. You can easily develop soft code, and achieve speedy integration into your IoT Project.

| 3V | 5V | 12V |

LTE Cat.M1   LTE Nb-IoT

LoRa   Wi-Fi

A   B   C
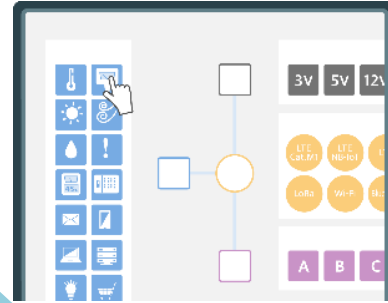
CONNECT with DATA

Omron can utilize wireless communication technology (such as LPWA) to cover a wide area with low power consumption.

ex.)

LoRa WAN® ※2
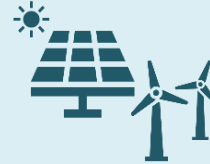
LTE Cat.M1

No communication fee, Need base gateway.

Need communication fee, No need base gateway.

Application

Agriculture

Energy Infrastructure

Smart City

*1: LPWA=Low Power Wide Area Communication Technology
*2: LoRaWAN®is a trademark of Semtech Corporation.

 * Case can be included if required.
 * This product is under development stage. Specifications and product images may be changed without prior notice.
 * Omron products are designed and manufactured as general-purpose products for various industries. Please reach out to us if you have specific application questions!

Contact us !

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