CloudGate
4.0 NEXT GENERATION

IoT gateways designed with Option CloudGate signature features

• Ruggedized design
• Industrial grade temperature ranges
• Timed wake-up & ignition sensing
• Passive & active GPS antenna support
• SIM connection

option.com
### CloudGate LTE WW REV4

- Industrial grade, highly customizable cellular connectivity
- **WWAN Modem**
  - **LTE**
    - Supported frequency bands: 850/900/1800/1900 MHz
    - Max. connectivity speeds: LTE 150 Mbps

- **3G/2G**
  - Supported frequency bands: 800-850/900/1800/2100 MHz
  - Max. connectivity speeds: DC-HSPA+ 42 Mbps, UL 5.76 Mbps

- **GPS**
  - Standalone GPS, Assisted GPS, GPS OneXTRA™
  - Wideband GPS processing (20MHz) for improved measurement accuracy
  - Passive/active GPS antenna support

- **SIM**
  - USIM/SIM connection – Class B and Class C

- **CPU**
  - i.MX280 (ARM926EJ-S @ 450 MHz)

- **Memory**
  - 256 MB Flash (20 MB for data, 30 MB for application, 0 MB extra data partition)

- **Operating System**
  - Linux

- **Power Input**
  - DC input voltage: 9-33 V DC

- **USB**
  - with optional expansion card

- **Rear Expansion card**
  - with optional expansion card

- **Front Expansion card**
  - with optional expansion card

- **Dimension**
  - 155 x 105 x 45 mm

- **Weight**
  - 285 g / 10.05 oz

- **Environmental**
  - Operating temperature: -30°C to +70°C
  - Storage temperature: -40°C to +85°C

- **Certifications**
  - CE, FCC, PTCRB, ESD, AT&T, VZW, US Cellular

- **In the box**
  - Accessories are available (i.e. Power cable, antenna’s etc.)

- **Product Code**
  - CG0124

### CloudGate mini

- Industrial grade cellular connectivity with advanced IO

### CloudGate micro

- Industrial grade, cost-effective cellular connectivity

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** Operating System **

- Linux

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** Power Input **

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** USB **

- with optional expansion card

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** Rear Expansion card **

- with optional WAN or LoRa expansion card

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** Front Expansion card **

- fixed functionality: I2C, 3 x GPIO, RS485 or RS232 and CAN bus port (up to 1 Mbps)

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** Dimension**

- 115 x 106 x 45 mm

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