# OPTION

# CloudGate

## ETHERNET

NEW

## Industrial grade, highly customizable ethernet connectivity

- Highly customizable with 2 expansion card slots
- Optional battery
- Industrial-grade temperature ranges
- Ruggedized design
- Value-priced Ethernet connectivity

# OPTION

## Highly customizable & flexible to integrate and deploy

The CloudGate ethernet gateway provides unique flexibility that allows customers and system integrators to tailor the product to their solution or even site specific requirements.

It incorporates two hardware expansion slots that allow the CloudGate to be enhanced with additional radio and/or wired interfaces.

The expansion cards are simple and quick to install, allowing the field upgrade of the device when new functionality is required.

Available expansion cards include :
• WLAN expansion card
• LoRa expansion card
• Smart Metering expansion card

## CloudGate 4.0 next generation

CloudGate 4.0 IoT gateways were designed with CloudGate's signature features; including ruggedized design housing, industrial grade temperature ranges, timed wake-up and ignition sensing, and all are LuvitRED enabled.

NEW! CloudGate 4.0 next generation IoT gateways now feature world-wide connectivity, optional Li-ion battery, and micro-SD holder

| Technical Specifications | | |
|---|---|---|
| CPU | | i.MX280 (ARM926EJ-S @ 450 MHz) Memory available for customer apps 512 MB Flash (20 MB for data, 30 MB for application, 372 MB extra data partition) |
| Ethernet (IEEE 802.3) | 10/100Mb/s RJ45 Connector | 2 (LAN/WAN or LAN/LAN) |
| microSD card holder | | on main PCB |
| Power control | Timed Wakeup | ✔ |
| | Ignition Sensing | ✔ |
| Battery | Optional | Li-Ion battery: optional last gasp function (up to 1h with limited functionality) Battery backup RTC (7 days) |
| Power input | 9-33V DC | • DC input voltage: 9-33 V DC • Connector: Micro-Fit 3.0TM, Dual row, 4-position; DC, GND sensing input |
| USB | | ✔ with optional expansion card |
| Rear Expansion card | | ✔ with optional expansion card |
| Front Expansion card | | ✔ with optional expansion card |
| Aluminium Case | Dimensions | 115 × 106 × 45 mm 4.52 × 4.17 × 1.77 in |
| | Weight | 285 g / 10.05 oz |
| | Mounting, Bulkhead, 6xM4 holes, DINrail with adapter | ✔ |
| | System status LED | ✔ |
| Environ- mentals | Operating temperature | -30°C to +70°C / -22°F to to 158°F |
| | Storage temperature | -40°C to +85°C / -40°F to to 185°F |
| | Humidity | 5% - 95% |
| Certifications | | CE, FCC, PTCRB, ISED |
| Std. compliance | ROHS, Reach, WEEE | ✔ |
| CloudGate Universe | Device can be configured OTA using CloudGate Universe | ✔ |
| For developers | CloudGate development kit: developer board, breadboard, SDK, HDK | ✔ |
| Optional | | • Battery 920mAh |

| Product | PN |
|---|---|
| CloudGate Ethernet | CG0104-12214 |
| CloudGate Ethernet with integrated battery | CG0104-12219 |