

OPTION

CloudGate

ETHERNET



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	<ul style="list-style-type: none"> • 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 x 106 x 45 mm 4.52 x 4.17 x 1.77 in
	Weight	285 g / 10.05 oz
	Mounting, Bulkhead, 6xM4 holes, DINrail with adapter	✓
	System status LED	✓
Environmental	Operating temperature	-30°C to +70°C / -22°F to 158°F
	Storage temperature	-40°C to +85°C / -40°F 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