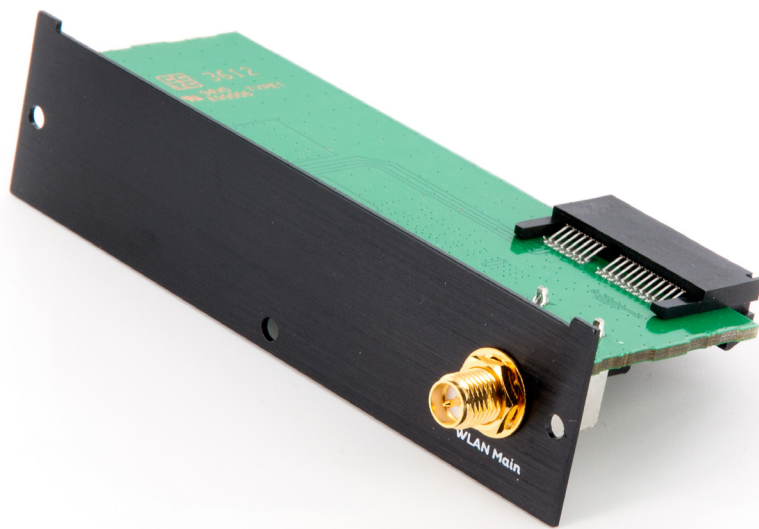


OPTION

CloudGate

WLAN EXPANSION CARD



Add WLAN connectivity to your CloudGate gateway

- Failover to Wireless LAN client for WAN connectivity
- Up to 32 connections
- Access point or client mode
- Support for WPA Enterprise in client mode

OPTION

Next generation WLAN III Expansion card (CG2131-12167)

WLAN Expansion Cards allow the CloudGate IoT Gateway to have a powerful wireless connection.

Option's next generation WLAN III expansion card is built around a certified chipset RS9116N-DB00-CC0 from Redpine Signals (CE, FCC and ISED).

Client or Access point

The WLAN Expansion Card can be utilized as client or access point.

It has a high level of security including WPA-PSK, WPA2-PSK and mixed WPA/WPA2-PSK.

The WLAN Expansion Card lets up to 32 users connect at once and is therefore ideal to be used in for example trains and buses.

This expansion card also supports 5GHz frequency band for reduced interference.

Get your application on the market faster with CloudGate!

Feature	Description
Number of users	up to 8 clients (32 from CloudGate firmware 2.92.x onwards)
Wireless Protocols	802.11 a/b/g/n
Frequency Bands	2.4 GHz & 5 GHz
Channels	2.4 GHz: 1-11; 2.4 GHz: 1-11; 5GHz: 20 MHz: 36, 40, 44, 48, 149, 153, 157, 161 40 MHz: 38, 42, 46, 151, 155, 159, 165
Speed	802.11a/g: 54 Mbps; 802.11b: 11Mbps; 802.11n: MCS0 to MCS7
Wireless mode	Client & access point
Channel bandwidth	20 MHz & 40MHz
Security	WPA-PSK, WPA2-PSK
Antenna connector	RP-female
Operating temp.	-30°C to +70°C
Humidity (operational)	5 to 95% RH, non-condensig
Storage temp.	-40°C to +85°C
	CE, FCC/ISED

Specifications are subject to change. As part of the continual product improvement process, OPTION reserves the right to alter the specifications of this product.
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