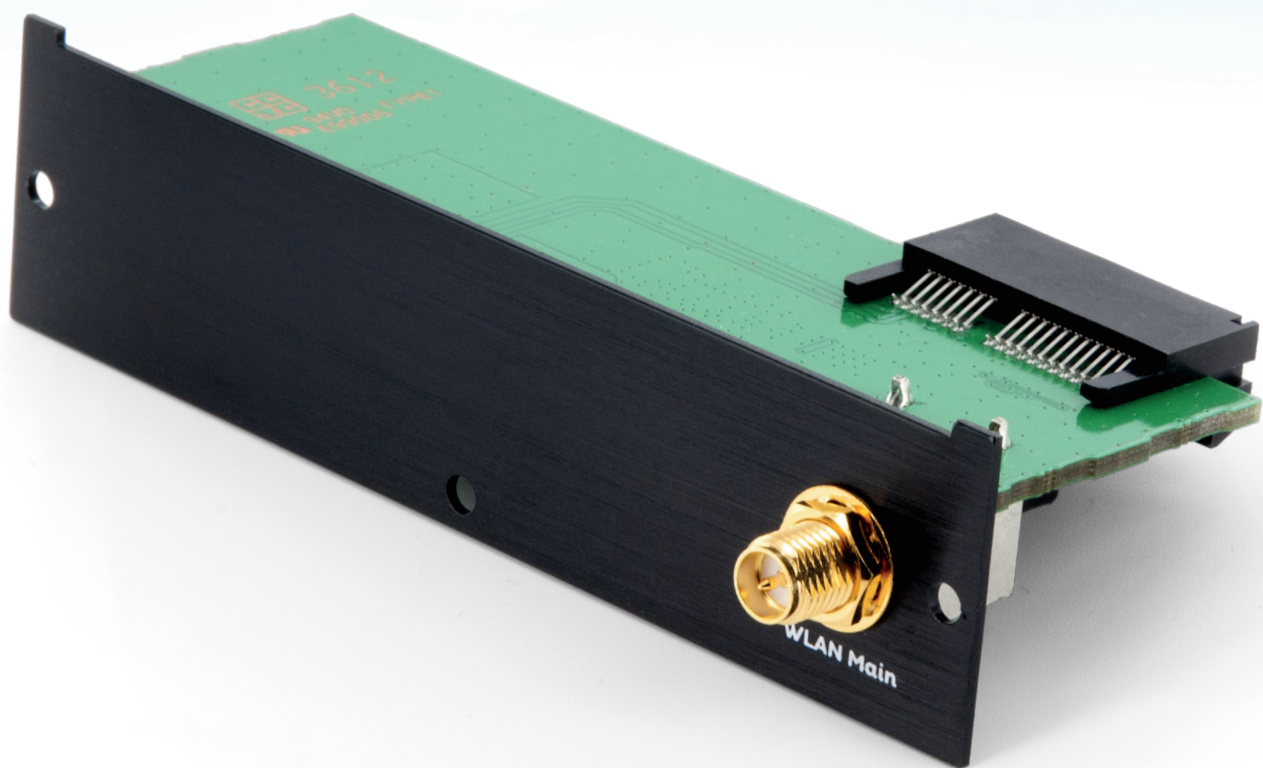


CloudGate

WLAN CARDS



CONNECTING THINGS to the Cloud

- Adds WLAN connectivity to CloudGate
- Failover to Wireless LAN client for WAN connectivity
- Up to 32 connections
- Simultaneous access point and client mode



WLAN Expansion Cards allow the CloudGate Intelligent M2M Gateway to have a powerful wireless connection. Option offers 2 variants of the WLAN card: 1) WLAN card and 2) WLAN Access Point card.

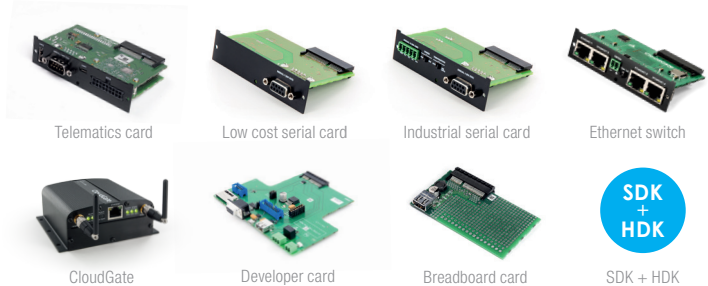
The WLAN Expansion Card (CG2101) features simultaneous client & access point. It supports dual SSID for two simultaneous access points. It has a high level of security including WPA-PSK, WPA2-PSK and mixed WPA/WPA2-PSK.

The WLAN Access Point Card (CG2102) 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!

Features	Description	
	WLAN Expansion Card (CG2101)	WLAN Access Point Card (CG2102)
Number of users	• 10	• 32
Wireless protocols	• 802.11 a/b/g/n	• 802.11 a/b/g/n
Frequency Bands	• 2.4 GHz	• 2.4 GHz • 5 GHz
Channels	• 1-11	• 1-11, 36-48 and 149-165 - no DSF
Speed	• Up to 65Mbps	• Up to 65Mbps
Guest network	• Yes	• No
Wireless mode	• Simultaneous client & access point	• Access point
Channel bandwidth	• 20 MHz	• 20 MHz
Security	• WPA-PSK, WPA2-PSK, mixed WPA/WPA2-PSK	• Mixed WPA/WPA2-PSK
Antenna connector	• RP-female	• RP-female
Operating temperature	• -30 to +70°C	• -30 to +70°C
Humidity (operational)	• 5 to 95% RH, non-condensing	• 5 to 95% RH, non-condensing
Storage temperature	• -40 to +85°C	• -40 to +85°C

Also available



*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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1. Define start-up configuration on CloudGate provisioning server



2. Configuration and any custom middleware are automatically installed



3. Device is ready to connect things to the Cloud!

