



**Product:** [CloudRail.Box Max 4G](#) 

The CloudRail.Box Max 4G acts as an Edge Gateway between the shop floor and the cloud.

**Product Description**

The CloudRail.Box Max 4G supports all connectivity methods like Secondary Sensors, OPC-UA, Modbus, and VSEs. This version comes with a powerful Processor and enough storage. This makes the CloudRail.Box Max the perfect choice for advanced Edge Computing scenarios using AWS IoT Greengrass v2, Azure IoT Edge, or CloudRail Edge Functions. Moreover this version is able to connect more data sources with a single edge gateway. The additional 4G (LTE) cellular connectivity also allows the usage in remote locations or to bypass a highly restricted IT network.

**Technical Specifications**

**Product description**

Type:	CloudRail.Box Max 4G
Part Number:	942347002
Port type and quantity:	3x RJ45
Port Speed:	2.5 GbE (I226-IT)

**More Interfaces**

Serial Interface:	1x RS-485 / 1x RS-232 (optional); 1x HDMI
SIM Cards:	1x Nano-SIM (4FF)
Power Supply:	4-pin terminal block with power switch function

**Hardware**

Bypass:	N/A
CPU:	Intel Atom® x6413E
Encryption:	TPM 2.0 (Trusted Platform Module)
Memory:	8 GB LPDDR4 RAM
Storage:	220 GB (Free Storage for Container and Data)

**Power requirements**

Operating Voltage:	12-24V DC
Power consumption:	min. 40W

**Software**

Management:	CloudRail.DMC (Device Management Cloud)
Security:	Integrated Firewall End-to-end encrypted connectivity / TPM 2.0 / Remote Security patches

**Ambient conditions**

Operating temperature:	-20-+60 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

**Mechanical construction**

Dimensions (WxHxD):	130 mm x 90 mm x 30 mm
Weight:	600 g
Housing Material:	Steel / Aluminum
Mounting:	DIN Rail 35 mm

## Approvals

Basis Standard:	CE, FCC
Safety of information technology equipment:	UL 62368-1

## Scope of delivery and accessories

Scope of delivery:	1 x Device
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## Further Instructions

Product Documentation:	<a href="https://www.doc.hirschmann.com/index.html">https://www.doc.hirschmann.com/index.html</a>
Certificates:	<a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a>

## History

Update and Revision:	Revision Number: 0.12 Revision Date: 01-16-2025
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## Variants

Item #	Type
942347002	CloudRail.Box Max 4G

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