

| Product information / Datasheet

CloudRail.Box Max

BASED ON WELOTEC EG500 SERIES



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Technical data

GENERAL DATA	
Type	CloudRail.Box Max Gateway
Series	EG500
SOFTWARE	
Container Runtime	CloudRail.OS / AWS Greengrass V2 Runtime / Azure IoT Edge Runtime
Security	Integrated Firewall / End-to-end encrypted connectivity / TPM 2.0 / Remote Security patches
Network	Routing, NAT, 4G LTE Cellular Management / Interface Management
CONFIGURATION	
Central Management Software	CloudRail.DMC (Device Management Cloud)
HARDWARE	
CPU	Intel Atom x5-E3940
RAM	8 GB
Free Storage for Container and Data	220 GB
TPM	TPM 2.0 with TrEE 1.1
Gigabit Ethernet	3x RJ45
USB	3x USB 3.0 + 1x USB 2.0
Serial	1x RS-485 / 1x RS-232 (optional)
POWER SUPPLY	
Input Voltage	12 to 24 V DC
Connector	4-pin terminal block with power switch function
Power Supply not included, to be ordered separately.	
PHYSICAL CHARACTERISTICS	
Housing material	Steel / Aluminum
Ingress Protection	IP20
Dimensions (W x H x D)	110 x 90 x 30 mm
Weight	500 g
Mounting	DIN Rail mount
ENVIRONMENTAL	
Operating temperature	-20 - +60 °C
Humidity	5 - 95 %

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Additional details



CONNECTIVITY SOLUTION
Out of the box support for industrial sensors, OPC U, Modbus RTU and Modbus TCP.



CLOUD INTEGRATION
Seamless integration into AWS, Microsoft Azure or on-premise systems.



CLOUDRAIL DEVICE MANAGEMENT
Central fleet management of globally distributed edge gateways.



EDGE COMPUTING
Pre-process data locally in AWS IoT Greengrass, Azure IoT Edge or CloudRail edge functions.



SECURITY
End-to-end encryption and remote patches fulfilling enterprise-grade security standards.



TPM
Integrated Trusted Platform Module for secure device provisioning and authentication.

Article variants



SINGLE DEVICE
CLOUDRAIL.BOX.MAX
WEG500100070

Cellular	No
SIM Slots	0
Antenna Connector	No
Antenna	No
Power Supply	No



SINGLE DEVICE
CLOUDRAIL.BOX.MAX 4G
WEG500100100

Cellular	4G LTE
SIM Slots	1
Antenna Connector	2 x SMA(f)
Antenna	2 x Magnetic Foot Antenna
Power Supply	No



STARTER PACK
CLOUDRAIL.BOX.MAX
WEG500100090

Cellular	No
SIM Slots	0
Antenna Connector	No
Antenna	No
Power Supply	1 x Table Power Supply



STARTER PACK
CLOUDRAIL.BOX.MAX 4G
WEG500100080

Cellular	4G LTE
SIM Slots	1
Antenna Connector	2 x SMA(f)
Antenna	2 x Magnetic Foot Antenna
Power Supply	1 x Table Power Supply

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Further specifications

APPROVALS	
CE (EU)	Yes
RoHs	Yes
REACH	Yes
FCC	Yes
Azure Certified	Yes
Edge Managed (Azure)	Yes
COMMERCIAL DATA	
HS-Code / Customs Tariff Code	85176200

Wiring - Power supply

POWER CONNECTOR PIN-OUT	
GND	Ground
Vcc	12-24V
GND	Ground
PSW	External Power Switch Connector



Attention

Do not connect voltage to the PSW pin on the power connector!



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