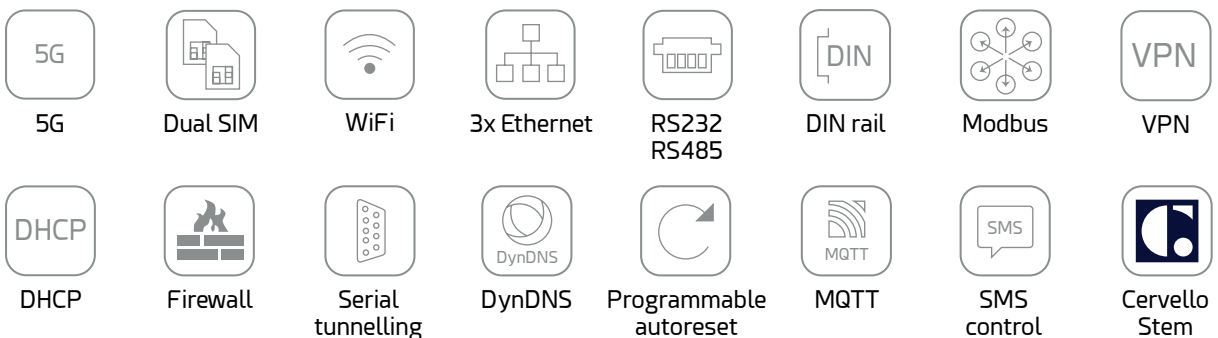![webdyn flexitron group logo]

MTX-Router-EOS 5G
5G, dual SIM & 3x Ethernet compact industrial IoT router

The MTX-Router-EOS 5G is an entry level router developed for industrial applications. It has a very compact design with a very rugged enclosure and accessories for a wall mount. It features dual SIM, 3x Ethernet, VPN client and five antennas, included in the package (another one for GPS optional).

The MTX-Router-EOS 5G can be used in many different IoT applications like kiosk, telemetry, remote sensing, smart grid, security, industrial automation, etc.

Main Features

5G	Dual SIM	WiFi	3x Ethernet	RS232 RS485	DIN rail	Modbus	VPN
DHCP	Firewall	Serial tunnelling	DynDNS	Programmable autoreset	MQTT	SMS control	Cervello Stem

Strenghts & Benefits

- Entry level router with 5G connectivity.
- With dual SIM.
- It has 3x Ethernet ports.
- 5x antennas included, and another one for GPS optional.
- Remote management via MQTT, SMS or web server.
- DIN rail.

Applications

- For industrial IoT applications like kiosk, telemetry, remote sensing, smart grid, security, industrial automation, etc.

![Alcom electronics logo]

Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33
info@alcom.be | www.alcom.be
Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands
Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl

Specifications

Router-EOS 5G

5G NR: 3GPP Release 15 NSA/SA operation, Sub-6 GHz
5G NR NSA: n38/n41/n77/n78/n79
5G NR SA: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/n66/n71/n77/n78/n79
LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71
LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48
LAA: B46
UMTS WCDMA: B1/B2/B3/B4/B5/B8/B19

5G NR: 3GPP Release 15 NSA/SA operation, Sub-6 GHz
MIMO DL: 4 × 4 MIMO on n1/n2/n3/n7/n25/n38/n40/n41/n48*/n66/n77/n78/n79
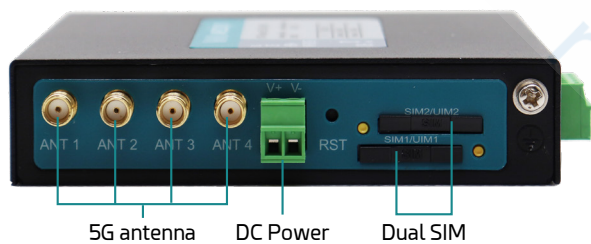**MIMO UL:** 2 × 2 MIMO on n41/n77/n78/n79

LTE Category DL Cat 16/ UL Cat 18
DL 4 × 4 MIMO B1/B2/B3/B4/B7/B25/B30/B32/B34/B38/B39/B40/B41/B42/B43/B48/B66

Interfaces

- 5G connectivity
- 3x Ethernet 10/100 BaseT
- 1x COM (RS232 or RS485)
- WiFi 802.11 b/g/n
- GPS (optional)
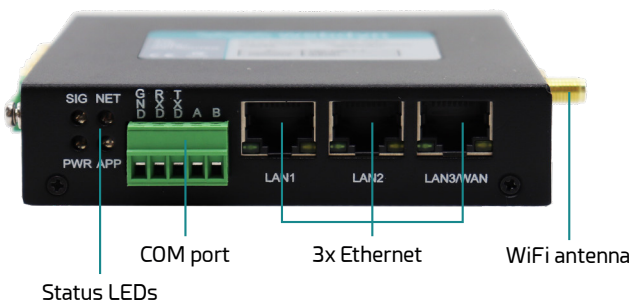
Connectors

- 4x SMA F antenna connectors: 5G
- 1x SMA F RP antenna connector: WiFi
- 1x SMA F antenna connector: GPS (optional)
- 3x RJ45: Ethernet 10/100 BaseT
- 1x terminal block: RS232/485
- Dual SIM card
- DC power terminal block: power input

5G antenna   DC Power   Dual SIM

Status LEDs   COM port   3x Ethernet   WiFi antenna

Characteristics

- Status LEDs
- DIN rail
- DC input: 9-35 Vdc Phoenix type
- Temperature range: -35 - 75ºC
- Dimensions: 115x97x24mm
- Weight: 390gr.
- Certifications: CE, FCC, RoHS, ISO9001

Software Features

- DHCP server
- NAT/IP firewall
- Serial tunnelling
- Multiple DDNS provider supported
- Automatic data sending (MQTT)
- Schedule reboot, schedule online and off-line
- SMS control
- Remote management (web, SSH, Telnet)
- Remote firmware upgrade

Packing List Included

- DIN rail and wallmount kits
- Ethernet cable
- WiFi antenna
- 5G antennas

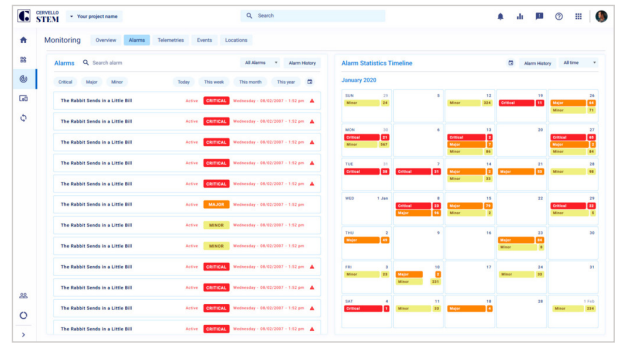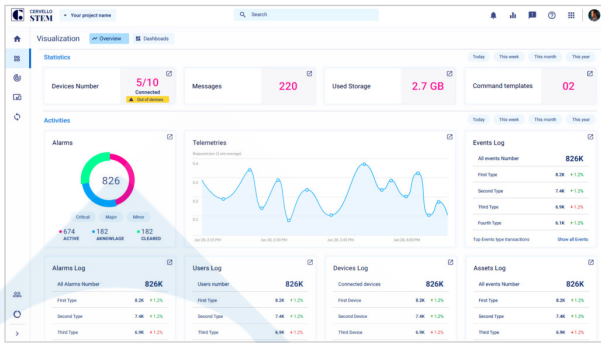## References

PRODUCTS

- MTX-Router EOS 5G WiFi   **000502300054**

Cervello Stem - IoT Platform

GENERAL FEATURES

- Up to unlimited devices
- Autoprovisioning
- Real time dashboards
- Remote control
- Monitoring engine
- Alarms and alerts
- Rules engine
- Remote update
- Connect engine*
- API Keys*
- Analytics*
- Multi-tenant*
- White labeling*
- Custom admin role*

MONITOR

- Alarms, Events and Incidents
- Tracking*

CONTROL

- Command template
- OTA

DEVICES INVENTORY

- Add single from template
- Add Bulk from template and from autoprovisioning
- Manage: Device template, Groups, Assets and Bulk actions

CONNECT

- Topics*
- Transformation*
- Integration keys*

VISUALIZE

- Dashboards
- Reports

AUTOMATE

- Rules Engine
- Actions
- Triggers

SECURITY

- 2-factor authentication
- SSL for end user application
- Custom admin roles*

*Upgrade required
**Available with compatible devices with MTX-Tunnel or MTX-Titan