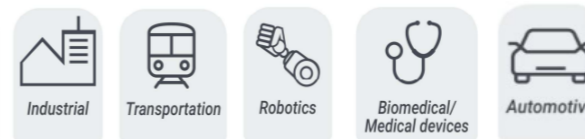# ENGICAM
EMBEDDED SOLUTIONS

MicroDev 3.0 IoT Gateway

A new general-purpose miniature carrier board based on MicroGEA modules. The MicroDev provides global LTE with a Sim connector and WiFi + BT LWB5+.

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CE

RED 📶
Radio Equipment
Directive 2014/53/EU

SUPPORTED SOMS

- MicroGea MX6ULL
- MicroGea MX8ULP
- MicroGea STM32MP15
- Microgea STM32MP13

APPLICATIONS

Industrial | Transportation | Robotics | Biomedical/ Medical devices | Automotive

FEATURES

yocto PROJECT

	NETWORKING	• 1x 10/100 Ethernet Interfaces • WiFI+BT LWB5+ • Global LTE with sim connector
	USB	1x USB Type A
	DIMENSIONS	80 x 50 mm
	OPERATING TEMPERATURE **	–40 to 60 °C

	PERIPHERAL INTERFACES	• 1x microSD • 1x RS485 • 1x RS232 • 1x RS232 for OS Console
	POWER SUPPLY	+ 7 – 40 VDC
	OPERATING SYSTEM	Linux Yocto

- Certification is valid only for MicroGea MX6ULL.

** Valid for all components except CPU. Customer shall consider junction temperature for CPU. Temperature will widely depend on application. Specific cooling solutions could be necessary for the final system.

ENGICAM
EMBEDDED SOLUTIONS

CABLE MAP

ANTENNA I/F

SD CARD

CAN / RS485

ETHERNET

HOST
USB

RS232

POWER
SUPPLY