

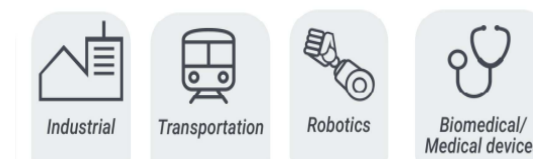
General-purpose miniature carrier board based on MicroGEA STM32MP1 & MicroGEA MX6ULL modules. The MicroDev 2.0 provides a wide variety of connectivity interfaces like CAN bus (available on MicroGEA MX6ULL only) and LTE interfaces.



SUPPORTED SOMS

- MicroGEA MX6ULL
- MicroGEA STM32MP15
- MicroGEA STM32MP13

APPLICATIONS



FEATURES

	VIDEO INTERFACE	• 1x LCD connector: up to 24 bit single channel LVDS • Capacitive touch panel via USB or I²C • 1x PWM for backlight control • Power supply for LCD (+3,3V, +5V)
	NETWORKING	• 1x 10/100 Ethernet Interface • WiFi+ BT (optional) • UMTS/LTE with sim connector (optional)
	USB	1 x USB Type A
	EQUIPMENT	Plastic box enclosure (optional)
	OPERATING SYSTEM	Linux Yocto

	PERIPHERAL INTERFACES	• 1x microSD • 1x RS485 or 1x CAN bus (optional) • 1x RS232 • 1x RS232 for OS Console • Expansion Connector: • I²C • GPIOs • USB • CAN • UART
	POWER SUPPLY	+ 7 - 40 VDC
	OPERATING TEMPERATURE **	Industrial qualified
	DIMENSIONS	80 x 50 mm

* Certified 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.

CABLE MAP

