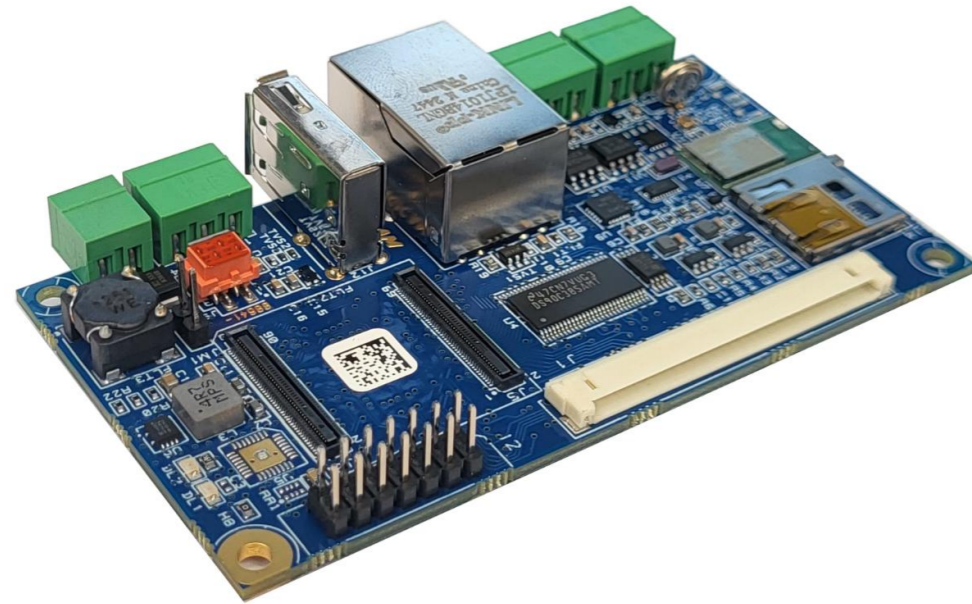


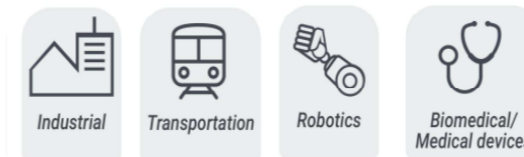
A new general-purpose miniature carrier board based on MicroGEA modules. MicroTouch provides extensive peripherals and extended connectivity.



SUPPORTED SOMS





- MicroGEA MX91
- MicroGEA MX93
- MicroGEA STM32MP2
- MicroGEA MX6ULL
- MicroGEA MX8ULP
- MicroGEA STM32MP15
- MicroGEA STM32MP13





APPLICATIONS



FEATURES



	VIDEO INTERFACE	<ul style="list-style-type: none"> • 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 (Vin)
	NETWORKING	<ul style="list-style-type: none"> • 1x 10/100 Ethernet Interface • WiFi+ BT (optional)
	OPERATING SYSTEM	Linux Yocto
	USB	1 x USB Type A

	PERIPHERAL INTERFACES	<ul style="list-style-type: none"> • 1x microSD • 1x RS485 • 1x CAN bus • 1x RS232 • 1x RS232 for OS Console • Expansion Connector: <ul style="list-style-type: none"> • I²C • GPIOs • USB • CAN • UART
	POWER SUPPLY	+ 7 - 30 VDC
	OPERATING TEMPERATURE *	Industrial qualified
	DIMENSIONS	93 x 50 mm

* 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

