

Based on the MicroGEA SOM series, this open frame provides a capacitive multi-touch panel and a wide variety of connectivity interfaces, ensuring enhanced performance and seamless integration for diverse applications.



SUPPORTED SOMS

- MicroGEA MX6ULL
- MicroGEA STM32MPI5

APPLICATIONS



FEATURES



 VIDEO INTERFACE	General purpose LCD connector: • 1 x 18 or 1x 24 bit single channel LVDS • 1 x USB • CTP i/f via I2C or USB • 1x PWM for backlight control • Power supply for LCD (+3V3, +5V, 12V)	 NETWORKING • 1x 10/100 Ethernet Interface • WiFi+BT (optional) • LTE/UMTS with SIM connector (optional)
 GRAPHICS	• Size 7" • Capacitive multi-touch display 1024x600 • Luminance 460 cd/mq • Operating temperature range -20, +60 °C	 POWER SUPPLY + 7 - 40 VDC
 AUDIO	Audio Output	 PERIPHERAL INTERFACES • 1 x microSD • 2 x RS232 (1x RS232 for OS Console) • 1 x RS485 or CAN (only MicroGEA MX6ULL) • 1 x expansion connector (I2C, CAN, USB, UART, GPIOs)
 USB	1 x USB Type A	 OPERATING TEMPERATURE * Industrial qualified
		 OPERATING SYSTEM Linux

* 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.