

General purpose carrier board EDIMM CPU modules compliant, with a capacitive touch interface, I2C or USB interface for PCAP on LCD connector and Audio output.



SUPPORTED SOMS

- GEA M6428B/F
- i.Core 1.5 MX6
- i.Core MX6

APPLICATIONS



FEATURES



	VIDEO INTERFACE	General purpose LCD connector: • 1 x 18 or 1x 24 bit single channel LVDS • 1 x USB • 1 x I2C for CTP i/f • 1x PWM for backlight control • Power supply for LCD (+3V3, +5V, 12V)		NETWORKING	1x 10/100 Ethernet Interface
	GRAPHICS	Size 7", 15/9 Capacitive multi-touch display 800x480 Luminance 300 cd/mq Operating temperature range -20, +70 °C		POWER SUPPLY	+ 15 - 30 VDC
	AUDIO	Audio Output		PERIPHERAL INTERFACES	• 1 x microSD • 2 x RS232 (1x RS232 for OS Console) • 1 x RS485 • 1 x CAN Bus • 1 x expansion connector (I2C, SDIO or SPI, GPIOs)
	USB	1 x USB Type A		DIMENSIONS	225 x 140 x 38 mm
				OPERATING SYSTEM	Linux, Android
				OPERATING TEMPERATURE *	Industrial qualified

* 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.