

# C.Touch 2.0 Carrier Board

General purpose carrier board with capacitive touch interface, EDIMM 2.0 compliant.



## FEATURES

### VIDEO INTERFACE

- 1x general purpose LCD connector: 1x 18 or 24 bit single channel LVDS
- Capacitive touch panel operated by USB or I<sup>2</sup>C
- 1x PWM for backlight control
- Power supply for LCD (+3V3, +5V, 12V)
- 1x LCD connector to drive dual channel displays (option)

### NETWORKING

- 1x 10/100 Ethernet Interfaces
- WiFi+ BT

### AUDIO

- HP Output Jack

### USB

- 1 x USB OTG device

### OPERATING TEMPERATURE \*

- Industrial qualified

## SUPPORTED SOMS

- PX30.core series
- i.Core MX8 series
- i.Core STM32 series

## APPLICATIONS



### PERIPHERAL INTERFACES

- 1x micro SD
- 1x CAN bus
- 1x RS485
- 1x RS232
- 1x RS232 for OS Console
- 1x expansion connector:
  - I<sup>2</sup>C
  - GPIOs
  - 1 USB + 1 optional
  - SDIO or SPI dependent on module

### POWER SUPPLY

- + 15 - 30 VDC

### OPERATING SYSTEM

- Linux, Android

\* 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

