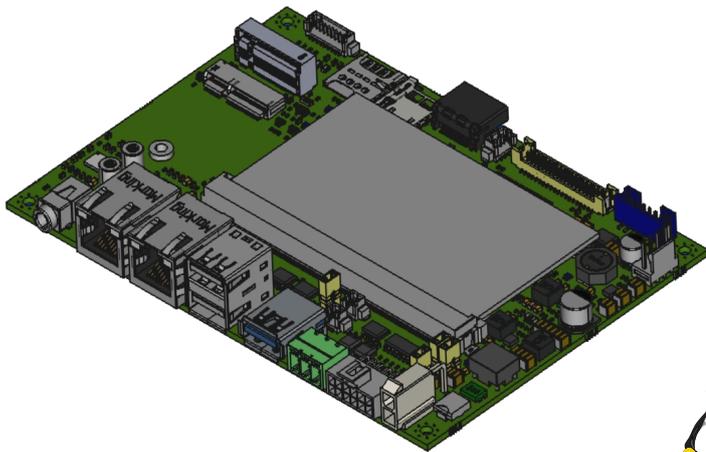# ENGICAM
EMBEDDED SOLUTIONS

SMARC

X.Touch 2.0 Carrier Board

New General purpose carrier board, compliant with ENGICAM Standard SmarCore SOM. Based on X.Touch carrier board the new model increase the number of external peripheral, such as CAN Bus and a double Gb Ethernet, and it adds the possibility to use the WWLAN interface. X.Touche 2.0 can host both ARM and x86 modules.
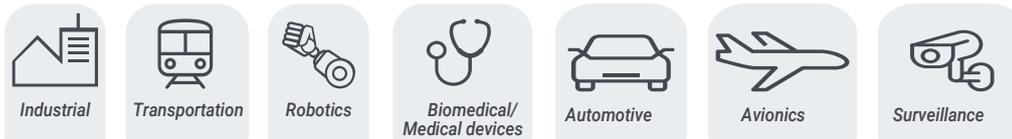

Supported SOM

- SmarCore EHL
- SmarCore MX8M Plus
- SmarCore MX8X

yocto PROJECT · Windows 10

APPLICATIONS

| Industrial | Transportation | Robotics | Biomedical/ Medical devices | Automotive | Avionics | Surveillance |

FEATURES

Video Interfaces	LVDS interface up to FULL HD 1x USB Touch screen interface 1 x HDMI up to 4K	
Networking	2x Gb Ethernet interfaces	
Audio	HP Output Jack	
USB	1 x USB 3.0 2 x USB 2.0	
Operating Temperature*	Industrial qualified	

Peripheral Interfaces	UART RS232, RS485 I2C, CAN, SDIO, GPIOs, JTAG i/f WiFi on SSD M.2 KEY E WWAN on SSD M.2 KEY B
Power Supply	+ 15 - 32 VDC
Operating System	Windows, Linux – Yocto

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* 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.