ENGICAM
EMBEDDED SOLUTIONS

X.Touch 10.1" Ampire

SMARC

Based on standard SMARC modules, this open frame terminal can be driven by the new powerful modules family x86. The capacitive multi-touch panel and the Windows OS allow a really a user-friendly graphic user interface. The new X.TOUCH Open frame family is fully supported also by Android and Linux OS. The frameless touch panel system is very easy to be integrated into the final housing. The boxed version is available as an option.

SUPPORTED SOMS

- SmarCore APL-x86
- SmarCore MX8X
- SmarCore MX8MPlus

- SmarCore ADL-N
- SmarCore EHL
- SmarCore STM32MP25x

APPLICATIONS

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

FEATURES

Linux | Android | Windows 10

	VIDEO INTERFACE	• LVDS interface up to FULL HD • 1 x HDMI up to 4K
	GRAPHICS	• Capacitive multi-touch display 1280x800 • Industrial TFT 10.1 " • Luminance 295 cd/mq • Operating temperature range -20, +70 ºC
	AUDIO	Stereo Audio interface
	USB	• 1 x USB 3.0 • 2 x USB 2.0

	PERIPHERAL INTERFACES	• microSD • 2 x RS232 • 1 x RS485 • WiFi on SSD **M.2 KEY E** • WWAN on SSD **M.2 KEY B**
	POWER SUPPLY	+ 15 - 24 VDC
	OPERATING SYSTEM	Windows, Linux, Android
	OPERATING TEMPERATURE *	Industrial qualified
	NETWORKING	1x Gb Ethernet Interface

* 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.