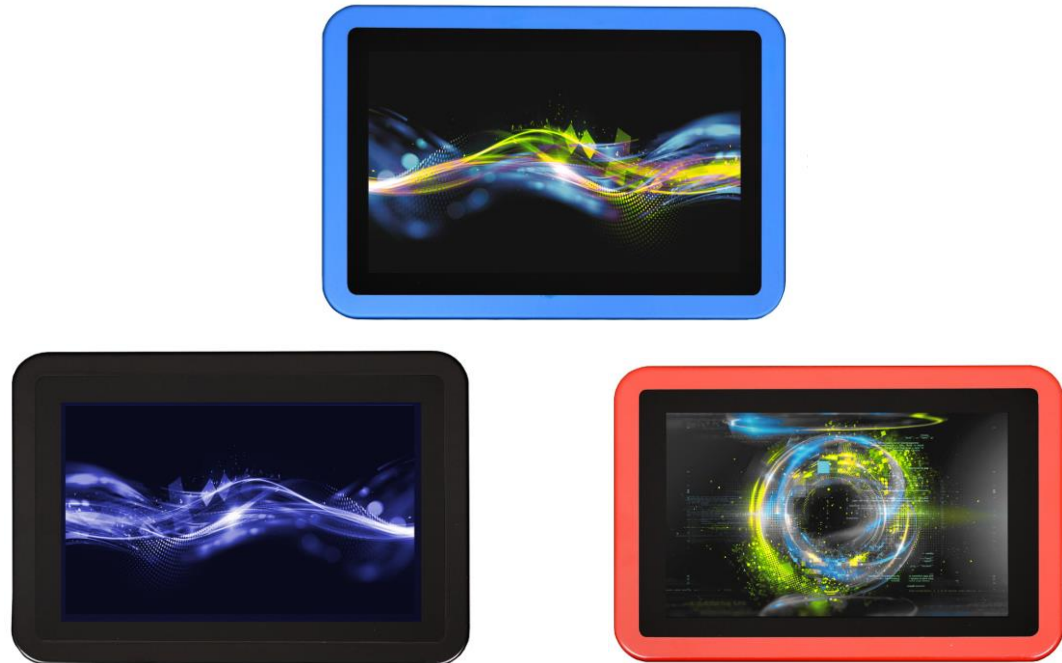


Based on the DIMM2.0 SOM series, this open frame provides a capacitive multi-touch panel and an array of connectivity interfaces.



SUPPORTED SOMS

- i.Core MX93
- i.Core MX8M Plus Family
- i.Core RZ/G2E
- i.Core STM32MP25x
- PX30.Core
- i.Core MX8X
- GEA STM32MP13
- i.Core STM32MP15
- i.Core AM62x
- i.Core MX8M Mini

APPLICATIONS



FEATURES

	VIDEO INTERFACE	<p>General purpose LCD connector:</p> <ul style="list-style-type: none"> • 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) <p>2nd LCD connector for driving dual-channel displays (optional)</p>
	GRAPHICS	<ul style="list-style-type: none"> • Size 7" • Capacitive multi-touch display 1024x600 • Luminance 460 cd/mq • Operating temperature range -20, +60 °C
	AUDIO	Audio Output
	USB	<p>1 x USB Type A</p> <p>1 x USB OTG</p>

	NETWORKING	1x 10/100 Ethernet Interface WiFi+BT
	POWER SUPPLY	+ 15 - 30 VDC
	PERIPHERAL INTERFACES	<ul style="list-style-type: none"> • 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, 2xUSB (optional))
	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.