

Capacitive touch 10.1 display + frame based on standard SMARC® 2.1.1 , front mount.



SUPPORTED SOMS

- SmarCore ASL
- SmarCore APL-x86
- SmarCore ADL-N
- SmarCore EHL
- SmarCore MX8MPlus
- SmarCore STM32MP2
- SmarCore Hailo-15
- SmarCore MX95

APPLICATIONS



FEATURES



	VIDEO INTERFACE	• 24 bit single channel LVDS • Capacitive touch panel via USB or I²C • 1x PWM for backlight control • 1x HDMI standard connector
	GRAPHICS	• Capacitive multi-touch display 1280x800 • Luminance 600 cd/mq • Operating temperature range -30, +80 °C
	AUDIO	• HP & MIC
	USB	• 1 x USB HOST 3.0 • 2x USB HOST 2.0
	NETWORKING	• Up to 2x Gb Ethernet Interfaces • WiFi+ BT

	POWER SUPPLY	+ 15 – 30 VDC
	PERIPHERAL INTERFACES	• UART RS232, RS485 • CAN bus (module dependent) • I²C • GPIOs • SDIO • JTAG i/f • WiFi on SSD M.2 KEY E • WWAN on SSD M.2 KEY B
	OPERATING SYSTEM	Linux, Windows 11
	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. The lithium batteries Panasonic VL-1220/HFN working temperature -20 to +60°C