

Capacitive touch 7" open frame standard EDIMM 2.0 with powerful communication peripherals.



SUPPORTED SOMS

- i.Core AM62x
- i.Core MX91
- i.Core MX95
- i.Core RK3568
- i.Core RZ/G2E
- i.Core STM32 Series
- i.Core MX8 Series
- i.Core MX93
- PX30.Core

APPLICATIONS



FEATURES



	<p>VIDEO INTERFACE</p> <ul style="list-style-type: none"> • 24 bit single channel LVDS • Capacitive touch panel via USB or I²C • 1x PWM for backlight control • 1x HDMI standard connector (not supported on all SOMs) 		<p>NETWORKING</p> <ul style="list-style-type: none"> • Up to 2x 10/100/1000 Ethernet Interfaces • WiFi+ BT
	<p>GRAPHICS</p> <ul style="list-style-type: none"> • 5 point multi-touch CTP display 1024x600 • Luminance 350 cd/mq • Operating temperature range -20, +60 °C 		<p>POWER SUPPLY</p> <p>+ 15- 30 VDC</p>
	<p>AUDIO</p> <ul style="list-style-type: none"> • Audio amplifier 		<p>PERIPHERAL INTERFACES</p> <ul style="list-style-type: none"> • micro SD • CAN bus • RS485 • RS232 (alternative second CAN bus option) • RS232 for OS Console • Spare Connector: (I²C, GPIOs, USB, SPI (module dependent) Auxiliary +3,3V and +5V power supply
	<p>USB</p> <ul style="list-style-type: none"> • USB OTG device (Micro USB B type) • 2x USB HOST 		<p>OPERATING SYSTEM</p> <p>Linux, Android, Windows 10 IoT</p>
			<p>OPERATING TEMPERATURE *</p> <p>Industrial qualified</p>

* 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