

Capacitive touch 10.1" open frame standard EDIMM 2.0 with powerful communication peripherals.



SUPPORTED SOMS

- i.Core STM32 Series
- i.Core MX8 Series
- i.Core MX93
- i.Core AM62x

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"> • Capacitive multi-touch display 1280x800 • Luminance 295 cd/mq • Operating temperature range -20, +70 °C 	<p>POWER SUPPLY</p> <p>+ 12,5- 30 VDC</p>
	<p>AUDIO</p> <ul style="list-style-type: none"> • HP Output Jack 	<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</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