

General purpose carrier board with capacitive touch interface, EDIMM 2.0 compliant.



SUPPORTED SOMS





- i.Core MX8 series
- i.Core STM32MPI5 series

APPLICATIONS



FEATURES



 <p>VIDEO INTERFACE</p> <ul style="list-style-type: none"> • 1x LCD connector: up to 24 bit single channel LVDS • Capacitive touch panel via USB or I²C • 1x PWM for backlight control • Power supply for LCD (+3,3V, +5V, +12V) • 1x HDMI standard connector (not supported on all SOMs) • 2nd LVDS channel displays (option) 	<p>POWER SUPPLY + 7 - 30 VDC</p>
 <p>NETWORKING</p> <ul style="list-style-type: none"> • 2x 10/100/1000 Ethernet Interfaces • WiFi+ BT 	<p>PERIPHERAL INTERFACES</p> <ul style="list-style-type: none"> • micro SD • CAN bus • RS485 • RS232 (alternative CAN bus option) • RS232 for OS Console • Spare Connector: <ul style="list-style-type: none"> • I²C • GPIOs • USB • SPI (module dependent) • Power supply: +3,3V and +5V
 <p>AUDIO</p> <ul style="list-style-type: none"> • HP Output Jack 	<p>OPERATING SYSTEM Linux, Android</p>
 <p>USB</p> <ul style="list-style-type: none"> • USB OTG device (Micro USB B type) • 2x USB HOST 	<p>OPERATING TEMPERATURE * 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.

