



- Intel Atom® x5-E3940 Quad Core 1,60 GHz
- 21.5" 5-Wire Resistive Touch Display
- Stainless Steel 316L
- IP65 Full Protection
- Fanless compact design
- Made in Spain



Intel®  
Processors



Touch  
Technology



Efficient Power  
Consumption



Double  
Display



IP65 Full  
Enclosure

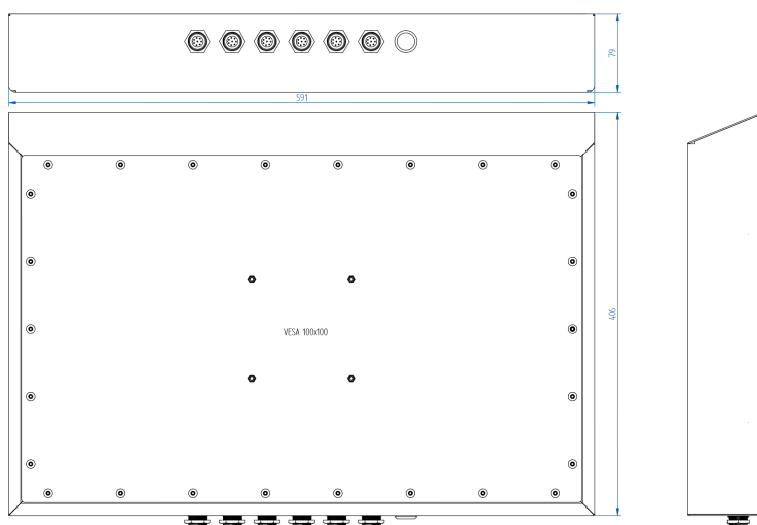
CPU boards with latest generation Intel® Processors, fanless, low power consumption and exceptional performance.

Manufactured in 316L Stainless Steel with full IP65 enclosure. Selection and configuration up to five ports, among COM (serial), USB or Ethernet ports, through IP68 connectors.

5-Wire Resistive or Projected Capacitive Multitouch sensor (PCAP).



### Dimensions



### Specifications

#### Display

|                  |                  |
|------------------|------------------|
| Touch technology | 5-Wire Resistive |
| Inches           | 21,5"            |
| Format           | 16:9             |
| Resolution       | 1920 x 1080      |
| Backlight        | LED              |
| Brightness       | 250 cd/m2        |
| Ratio contrast   | 5000:1           |
| Angle vision     | 178/178          |
| LED Life Time    | 30.000 h         |

#### System

|            |                                          |
|------------|------------------------------------------|
| CPU        | Intel Atom® x5-E3940 Quad Core 1,60 GHz  |
| Memory     | 2Gb Scalable to 8Gb                      |
| Hard Drive | 60/120/240GB SSD. 500GB/1TB SATA.        |
| Graphics   | Intel® HD Graphics                       |
| Chipset    | E3940 SoC Processor (TDP 10W/9.5W)       |
| OS         | Win10 Pro / Win10 IoT Enterprise / Linux |

#### Input / Output

|              |                                                             |
|--------------|-------------------------------------------------------------|
| USB Ports    | 3 x USB 3.1 / 1 x USB2.0                                    |
| Serial Ports | -                                                           |
| Ethernet     | 2 x Intel® Giga Ethernet                                    |
| Video        | 1 x HDMI                                                    |
| Audio        | 1 x Audio output                                            |
| Expansión    | 1 x Mini-PCIe / 1 x M.2 M-key (2242) / 1 x M.2 B-key (3042) |

#### Mechanical

|            |                   |
|------------|-------------------|
| Dimensions | 591 x 406 x 79 mm |
| Weight     | 14,5 kg           |
| Mount      | VESA 100 x 100    |
| Panel cut  | -                 |

#### Optionals

|              |                                              |
|--------------|----------------------------------------------|
| Screen       | High brightness for outdoors use             |
| USB Ports    | 2 x USB 2.0                                  |
| Serial Ports | 1 x RS-232 / 1 x RS-232/422/485              |
| Modem        | 3G / LTE + GPS                               |
| WIFI Module  | Wifi 2,4GHz / Wifi 2,4GHz i 5GHz + Bluetooth |
| Slot PCIe    | To Be Consulted                              |
| Others       | To Be Consulted                              |

#### Protection / Environmental Conditions

|                            |                                        |
|----------------------------|----------------------------------------|
| IP & Material              | Full IP65 Stainless Steel 316L         |
| °C Operation               | 0° a 60° C<br>TBC: -20° a 60° C (Atom) |
| °C Storage                 | -10° a 70° C<br>TBC: -20° a 70° (Atom) |
| Humidity (no condensation) | 0% a 95%                               |

#### Power Supply

|                        |                                   |
|------------------------|-----------------------------------|
| Input Voltage          | 9-36Vdc (External 110-220V/12Vdc) |
| Optional Input Voltage | -                                 |