



- Intel® Core™ i3-1315U 3,30Ghz
- 18.5" FLAT 5-Wire Resistive Touch Display
- Stainless Steel 316L
- IP66 Full Protection
- Fanless compact design
- Made in Spain



Intel®  
Processors



Touch  
Technology



Efficient Power  
Consumption



Double  
Display



IP66 Full  
Enclosure

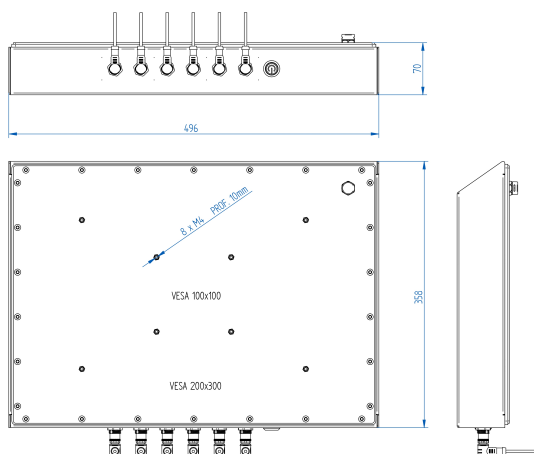
CPU boards with latest generation Intel® Processors, fanless, low power consumption and exceptional performance.

Manufactured in 316L Stainless Steel with full IP66 enclosure. Selection and configuration up to five ports, among COM (serial), USB or Ethernet ports, through IP69 connectors.

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



### Dimensions



### Specifications

#### Display

|                  |                       |
|------------------|-----------------------|
| Touch technology | FLAT 5-Wire Resistive |
| Inches           | 18,5"                 |
| Format           | 16:9                  |
| Resolution       | 1366 x 768            |
| Backlight        | LED                   |
| Brightness       | 450 cd/m2             |
| Ratio contrast   | 1000:1                |
| Angle vision     | 170/160               |
| LED Life Time    | 50.000 h              |

#### System

|            |                                                |
|------------|------------------------------------------------|
| CPU        | Intel® Core™ i3-1315U (13th Generation) 3,3Ghz |
| Memory     | DDR5 8Gb upgradeable to 64Gb                   |
| Hard Drive | 120/240/480Gb SSD M.2 NVMe                     |
| Graphics   | Intel® Iris® Xe Graphics                       |
| Chipset    | Intel® Raptor Lake-P i3-1315U SoC              |
| OS         | Win10/11 Pro / Win10/11 IoT Enterprise / Linux |

#### Input / Output

|              |                                                                                                              |
|--------------|--------------------------------------------------------------------------------------------------------------|
| USB Ports    | 3 x USB3.2 (Gen.2x1) / USB 3.2 (Gen 1x2) Type-C                                                              |
| Serial Ports | -                                                                                                            |
| Ethernet     | 2 x Intel® Giga Ethernet                                                                                     |
| Video        | 2 x HDMI / 2 x DP                                                                                            |
| Audio        | 2 x Audio output / 1 x Microphone                                                                            |
| Expansión    | 1 x B-key 3042/3052 (USB3.1/USB2.0) support 4G/5G module / 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) Support CNVi |

#### Optionals

|              |                                              |
|--------------|----------------------------------------------|
| Screen       | High brightness for outdoors use             |
| USB Ports    | 4 x USB 2.0                                  |
| Serial Ports | 2 x RS-232 / 4 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

|                            |                                          |
|----------------------------|------------------------------------------|
| °C Operation               | 0° a 60° C<br>TBC: -20° a 60° C (Atom)   |
| °C Storage                 | -10° a 70° C<br>TBC: -20° a 70° C (Atom) |
| Humidity (no condensation) | 0% a 95%                                 |

#### Power Supply

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Input Voltage          | 12-36Vdc (External power supply)<br>110-220Vac/12Vdc |
| Optional Input Voltage | -                                                    |