



- Intel Atom® x5-E3940 Quad Core 1,60 GHz
- 21.5" FLAT 5-Wire Resistive Touch Display
- Anodized Aluminum
- IP65 Front Protection
- Fanless Compact Design
- Made in Spain



Intel®  
Processors



Touch  
Technology



Efficient Power  
Consumption



Double  
Display



IP65 Front  
Protection

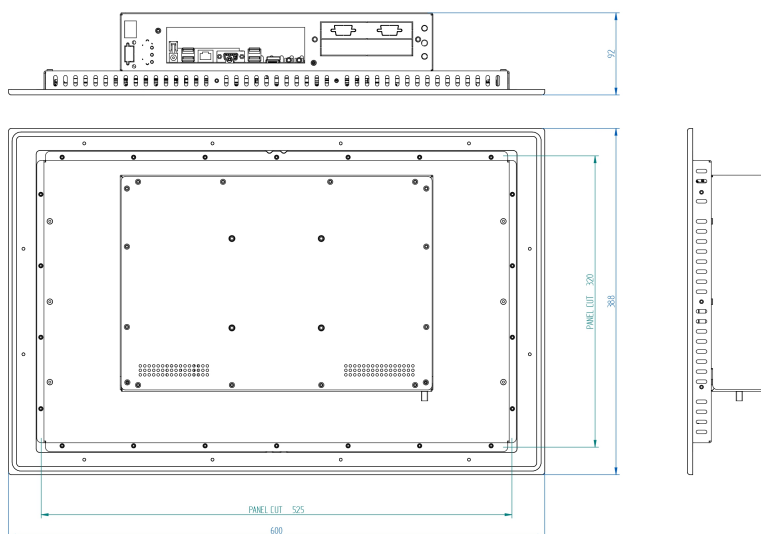
CPU boards with latest generation Intel® Processors, fanless, low power consumption and exceptional performance.

IP65 Front Bezel protection, available in Anodized Aluminum or Stainless Steel.

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



### Dimensions



### Specifications

#### Display

|                  |                       |
|------------------|-----------------------|
| Touch technology | FLAT 5-Wire Resistive |
| Inches           | 21,5"                 |
| Format           | 16:9                  |
| Resolution       | 1920 x 1080           |
| Backlight        | LED                   |
| Brightness       | 300 cd/m2             |
| Ratio contrast   | 5000:1                |
| Angle vision     | 178/178               |
| LED Life Time    | 50.000 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 / Ouput

|              |                                                             |
|--------------|-------------------------------------------------------------|
| 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-PCle / 1 x M.2 M-key (2242) / 1 x M.2 B-key (3042) |

#### Optionals

|              |                                              |
|--------------|----------------------------------------------|
| 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              | IP65 Anodized Aluminum Front Bezel       |
| °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          | 9-36Vdc (External 110-220V/12Vdc) |
| Optional Input Voltage | -                                 |