



**PanelPC-G156X - J6412**  
Made in ITALY

- 15,6" Industrial Glass Frame Panel PC (16:9)
- Intel Elkhart Lake - J6412
- Up to 32GB RAM
- Full-HD (1920x1080) resolution
- Aluminum + Glass Frame front panel
- Projective Capacitive Multitouch - 10 points
- 2x 2.5GbE + 2x DP + 2x HDMI + 6x USB 3.2 + 3x USB 2.0 + 1x RS232/422/485 + 2x RS232
- 12 ~ 24 VDC w/ Terminal Block or 220 VAC w/ IEC connector + Remote ON/OFF
- Panel and VESA Mount



## MAINBOARD

**CPU:** Intel Elkhart Lake - J6412  
4 Core / 4 Thread  
2.0 GHz (Base) / 2.6 GHz (Turbo) 10W

## MEMORY

**Capacity:** up to 32GB  
**Frequency:** 3200 MHz  
**Type:** 1x SO-DIMM DDR4

## STORAGE

**SATA:** 1x SATA3  
**eMMC:** 32/64GB eMMC (on request)  
**M.2:** 1x M.2 M-Key (2242/2260/2280)  
Support NVMe  
**Storage Bay:** 1x Internal 2.5" SSD Bay

## I/O INTERFACE

**Serial ports:** 1x COM RS232/422/485  
2x COM RS232  
**USB ports:** 3x USB 3.2 + 3x USB 2.0  
**M.2:** 1x M.2 E-Key (2230)  
1x M.2 B-Key (3042)  
**AUDIO:** 1x Line-out Combo Jack

## VIDEO

**GPU:** Intel UHD Graphics  
**Interface:** 2x HDMI 2.0b (Up to 4096x2160 @60Hz)

## ETHERNET

**LAN:** 2x Intel i225V 2.5GbE Gigabit LAN

## DISPLAY

**Size:** 15,6"  
**Resolution:** Full-HD (1920x1080)  
**Aspect Ratio:** 16:9  
**Backlight:** Led  
**Bright and Contrast:** 500 cd/mq 1000:1  
**Colors:** 16 M  
**View Angle:** 178° - 178°

## TOUCH SCREEN

**Glass Thickness:** 2 mm  
**Technology:** Projective Capacitive Multitouch

## FRONT PANEL

**Thickness:** 6 mm  
**Front Panel Type:** Aluminum + Glass Frame

\*All product information may subject to change without prior notice.

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## SARC ITALIA SRL

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## MECHANICAL

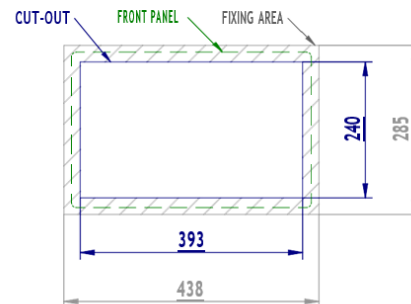
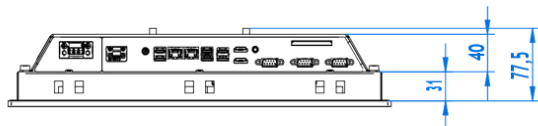
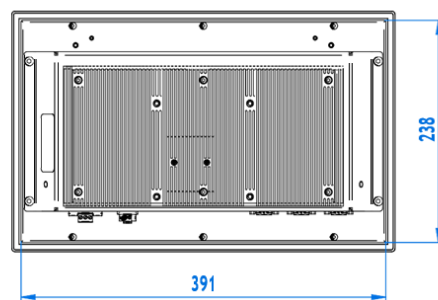
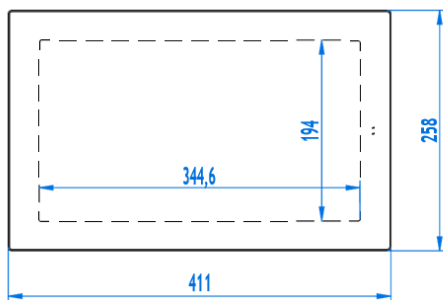
|                       |                         |
|-----------------------|-------------------------|
| <b>Material:</b>      | Aluminum + Steel        |
| <b>IP Protection:</b> | IP65 on front side      |
| <b>Dimensions:</b>    | (W)411x(D)258x(H)77,5mm |
| <b>Weight:</b>        | 5 Kg                    |
| <b>Mounting:</b>      | Panel Mount / VESA 100  |

## ENVIRONMENT

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Operating temp.:</b> | 0°C ~ 60°C                         |
| <b>Storage temp.:</b>   | -20°C ~ 70°C                       |
| <b>Humidity:</b>        | 40% ~ 60% Humidity, non-condensing |
| <b>EMC:</b>             | CE, RoHS                           |

## POWER

|                   |                                 |
|-------------------|---------------------------------|
| <b>Power in:</b>  | 12 ~ 24 VDC or 220 VAC          |
| <b>Max Power:</b> | ~60 W max                       |
| <b>Connector:</b> | Terminal Block or IEC connector |



## ACCESSORIES INCLUDED:

- Fast clamp Mounting Kit

## COMPATIBLE OS:

### **MS WINDOWS** (64bit)

- Windows 10
- **Windows 10 Enterprise LTSC (IoT)**
- Windows 11
- Windows 11 Enterprise LTSC (IoT)



### **LINUX \***

- CentOS 8
- Debian 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense



*\* Linux distributions tested with the IPC.*

## ORDER CODE:

Contact your sales representative for configuration.

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