



INTERCOMP

BEYOND **35** YEARS

Industrial and **logistics**
solutions





INTERCOMP

BEYOND **35** YEARS

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*"When the wind of change blows, some build shelters,
some others build windmills."*



Intercomp S.p.A.

35 years of hardware design and production

35 years of challenges and successes

35 years of energy and passion

Since **1983** we have created custom-made hardware solutions, both standard and customized.

We started producing electronic boards and computers. Today, as at that time, **we shape our customers' ideas.**

5 DIVISIONS

INDUSTRIAL AUTOMATION

TECHNOLOGIES FOR HEALTHCARE
DIGITAL SIGNAGE
DIGITAL OFFICE
SMART PARKING

CORPORATE

Total area
Production capacity
R&D laboratory
Production line
Total employees

9,000 square meters
70,000 systems/year
15 designers
30 specialized operators
70 people

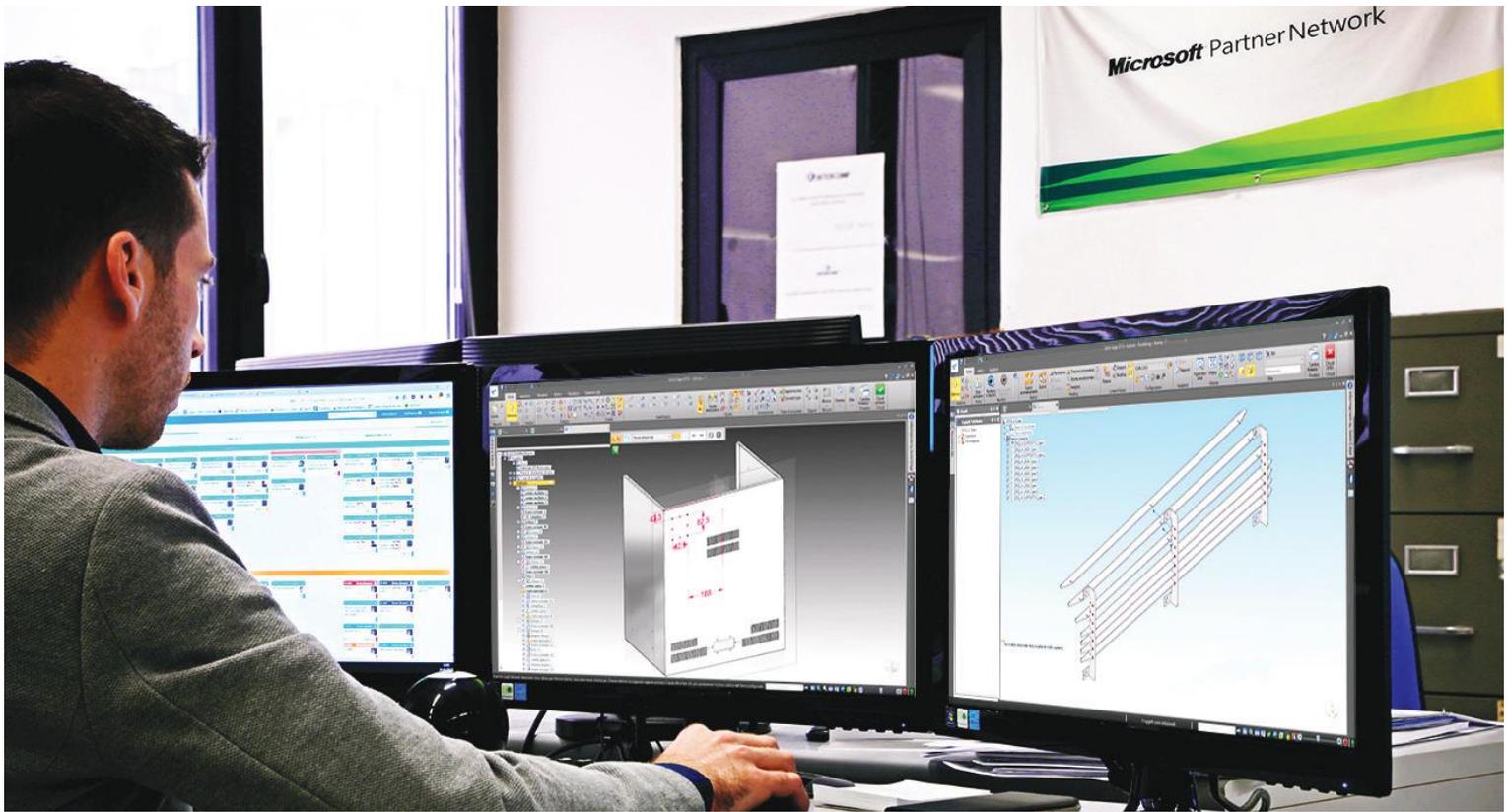




Industrial automation

The technological vision we offer, both through standard products and customized ones, projects the customer towards a new productive approach.

- ▶ **Intercomp** was born as an innovative technological reality with the aim of **responding to structured needs** of the Italian manufacturing context through the **design** and the **production** of industrial peripherals and microprocessor boards.
- ▶ Beyond 35 years, from the very beginning, our company has dealt with **electronic** planning and **mechanical** production, acquiring over time an **important know-how**, continuously enhanced by partnerships with major international producers.
- ▶ **Since the beginning of the 80s** we have developed highly innovative solutions, like the first Digital I/O and GPIB cards or several customized industrial motherboards.
- ▶ **The industrial world has profoundly changed:** today the hardware production must absolutely be based on **flexibility**.
- ▶ It is thanks to this approach that we are **tackling the “4.0 critical issues”**, guaranteeing a solid relationship toward our own customers based on trust, which includes **continuous support**, quick technological updates and a **constant** components availability for several years.



Hardware planning

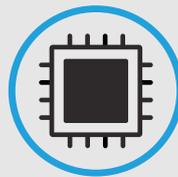
Intercomp can count on a **highly qualified planning department**, composed of **different areas** with **specialized employees** in **mechanical** engineering, **electronic** design and **software** development.

The company boasts a **high technological know-how**, acquired over many years of activity, combined with a great **passion for technology** and the ability to **transform ideas into** highly innovative and reliable **solutions**.



Mechanical planning

Combining creativity, technique and customer's need, the process considers all hardware's features dealing with the achievement of the **maximum synergy between the product and its user**.



Electronic planning

It represents the **foundation** on which the functions of the devices are based. For this reason, it needs **continuous updates, constant scientific researches** and a **great collaboration** with the software development area.



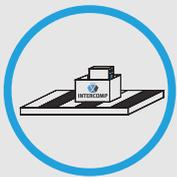
Software development

Working in total synergy with all research and development areas, allows each electronic device **to have life, communicating** in an effective way **both with other machines and the users**.



8-step production

Intercomp can count on a **highly qualified production department**, consisting of **2,100 square meters** of production lines capable of producing up to **70,000** systems a year.



1

Incoming inspection and in&out traceability

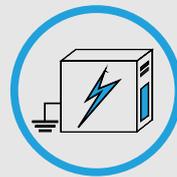
Verification of the **quality** of all incoming **materials** and assignment of identification **numbers** for **traceability**



2

Production

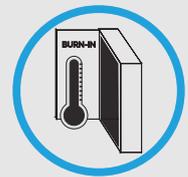
The **specialized operators** assemble the components on antistatic platforms with automatic advancement



3

Security tests

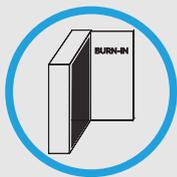
Isolation between cabinet and electricity grid and **continuity** between cabinet and ground contact



4

Burn-in entry

Continuous stress test for 48 hours with thermal variations, switching on and off



5

Burn-in exit

Only devices that **pass the tests** continue to the next stage



6

Final test

Compliance according to the technical supply and **testing** specifications



7

Packaging

Labelling, **insertion** of manuals, licenses for use, accessories and **final inspection**



8

Logistics

Customized **order management** service even with different deadlines



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Panel PC iCOMAC 8200 with buttons

UL, CSA and certified **Panel PC iCOMAC 8200 with button panel** is an excellent industrial solution with tempered glass, **customizable button panel**, VESA or panel mounting.



- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Supported processors**
Intel®: J1900, i3, i5, i7
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Button panel**
Fully **customizable** according to needs



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Panel PC iCOMAC 8200 capacitive

UL, CSA and EAC certified Panel PC iCOMAC 8200 is an agile and reliable solution for all industrial environments with tempered glass and VESA or panel mounting.



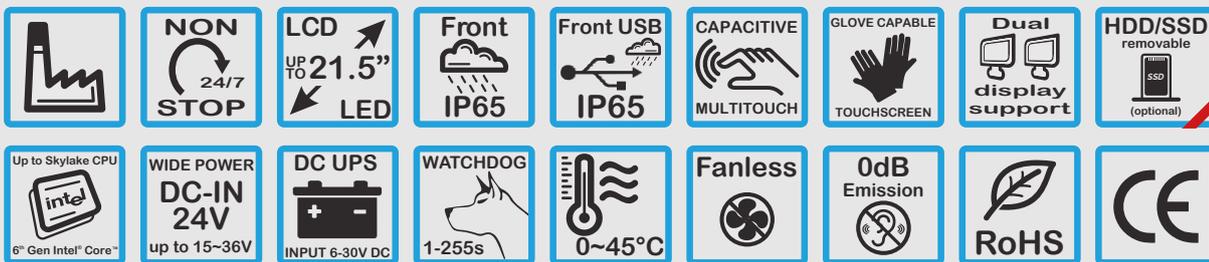
- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation multi-touch capacitive, usable with gloves
- ▶ **Supported processors**
Intel®: J1900, i3, i5, i7
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **I/O connections**
Wide availability in the standard configuration, can be integrated according to needs
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Positioning**
Panel or VESA mounting with handles support



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Panel PC iCOMAC 7200 capacitive

The **iCOMAC 7200 True Flat capacitive Panel PC** is an industrial computer that combines **power** and **design**. The flat screen is made of **tempered glass** and is extremely **durable**.



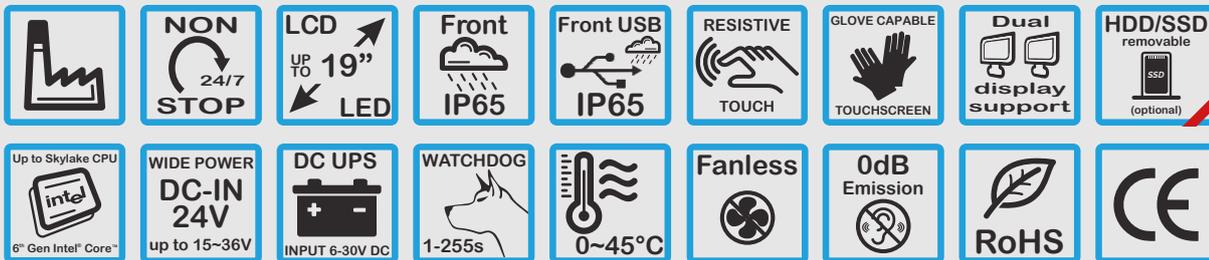
- ▶ **Display**
LCD with LED technology in three versions: **15.6"**, **18.5"** and **21.5"**
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Supported processors**
Intel®: **J1900**, **i3**, **i5**, **i7**
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Panel PC iCOMAC 6100 resistive

The **iCOMAC 6100 resistive Panel PC** is an industrial computer that can be used in **multiple contexts**. It is available with **anodised aluminium** or with **AISI 304** or **316 stainless steel** frame.



- ▶ **Display**
LCD with LED technology in three versions: **15"**, **17"** and **19"**
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Supported processors**
Intel®: **J1900**, **i3**, **i5**, **i7**
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Panel PC iCOMAC 5100 resistive

The **iCOMAC 5100 resistive Panel PC** is an industrial computer with **compact** size, but at the same time it is able to guarantee **high performance**.

Bay Trail	NON 24/7 STOP	LCD 10.1" LED	Front IP65	RESISTIVE TOUCH	GLOVE CAPABLE TOUCHSCREEN	0~60°C	Dual display support
WIDE POWER DC-IN 24V 9~36V	LAN 2 x Gb LAN	WATCHDOG 1-255s	Fanless	0dB Emission	RoHS	CE	

- ▶ **Display**
10.1" LCD with LED technology
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Structure**
Solid external case | Front frame in anodized aluminium
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for continuous use at high levels of operation



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Monitor iCOMAC 8200 with buttons

UL, CSA and EAC certified **industrial monitor iCOMAC 8200 with button panel** is a functional device with tempered glass, **customizable button panel** and VESA or panel mounting.



- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Button panel**
Fully **customizable** according to needs



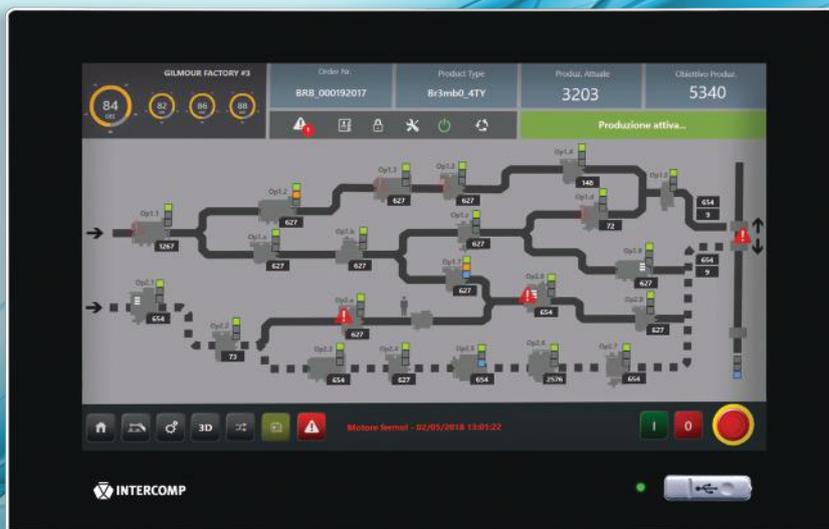
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Monitor iCOMAC 8200 capacitive

UL, CSA and EAC certified **industrial monitor iCOMAC 8200** is a highly functional device for any industrial environment, with **tempered glass** and adaptable for VESA or panel mounting.



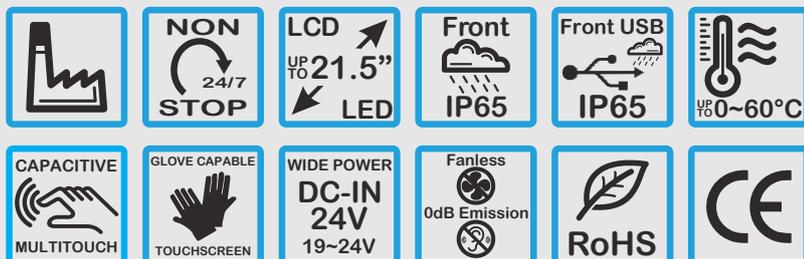
- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Monitor iCOMAC 7200 capacitive

The **iCOMAC 7200 True Flat capacitive monitor** is an **extremely adaptable** industrial device used for the **management of production processes** and **remote control**.



- ▶ **Display**
LCD with LED technology in three versions: **15.6"**, **18.5"** and **21.5"**
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Structure**
Glass screen for added strength
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Monitor iCOMAC 6100 resistive

The **iCOMAC 6100 resistive monitor** is an industrial monitor for **controlling automation processes**, designed to be **easily integrated** with any system.



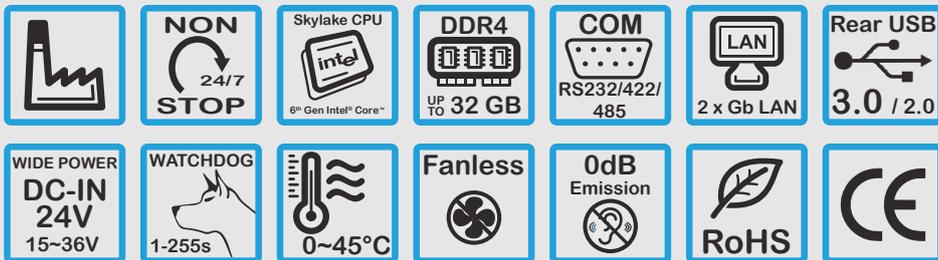
- ▶ **Display**
LCD with LED technology in three versions: **15"**, **17"** and **19"**
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Structure**
Anodised aluminium or **AISI 304** or **316 stainless steel** frame
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Box PC 7100

The **7100 Box PC** is a **high-performance** industrial computer with a high degree of **expandability**, able to **adapt** to multiple uses and contexts.



- ▶ **Supported processors**
Intel® Core™: latest generation i3, i5, i7
- ▶ **Positioning**
Desktop or wall mount | Possibility of installation on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Compact dimensions | **Sturdy case** in painted steel
- ▶ **I/O connections**
Wide availability of different types of ports
- ▶ **Supported operating systems**
All software for industrial use



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Box PC 6100

The **6100 Box PC** is a **versatile** and **compact** industrial computer, which makes **flexibility** of use its strongest feature.



- ▶ **Supported processors**
Intel® Celeron®: J1900
- ▶ **Positioning**
Desktop, wall mount, DIN rail | Possibility of installation on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Compact dimensions | **Sturdy case** in painted steel
- ▶ **I/O connections**
Wide availability of different types of ports
- ▶ **Supported operating systems**
All software for industrial use



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Industrial kiosk Brianza

The **Brianza industrial stand** is an innovative device designed with **high resistance to dust and liquids**. It is equipped with a **fanless system** and a **touchscreen** with IR technology.



- ▶ **Supported processors**
Intel® Core™: sixth (6th) generation i3, i5, i7
- ▶ **Display**
19" LCD with LED technology with double-layer anti-breakout **protection glass**
- ▶ **Touchscreen**
Infrared (IR) technology that supports **4 simultaneous touches**, even wearing gloves
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Case and stainless **steel keyboard** anti-scratch and resistant to dust and liquids
- ▶ **Removable All-In-One PC**
It is possible to **extract the PC from the main support**, by acting on four knobs

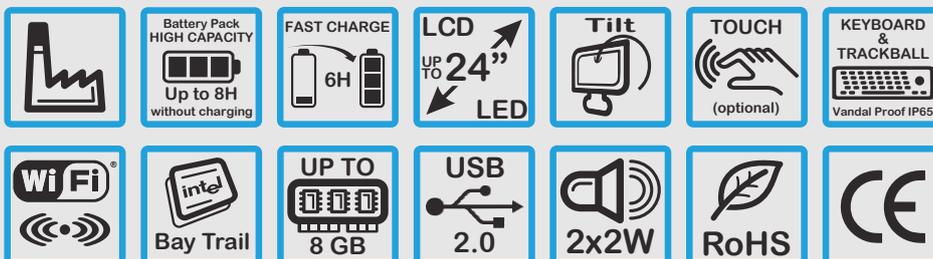


LOGISTICS

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IT cart trolley ACUS

The **ACUS IT cart trolley for logistics** is an ideal device for the **automation of warehouse activities**, thanks to its numerous **accessories** and **functions** available.



- ▶ **Battery**
Integrated: **100 Ah capacity** | About **8 hours** of average autonomy | **6 hours** of charging time
- ▶ **Display**
Possibility of **different formats**
- ▶ **Touchscreen**
Optional: **capacitive** technology, usable with gloves
- ▶ **Keyboard**
Stainless steel with trackball and **IP65** degree of protection
- ▶ **Practicality of use**
Quick and easy movements thanks to 125 mm **antistatic wheels** and **front handle**
- ▶ **Weight**
About **75 kg** in the average configuration
- ▶ **Customization**
Card readers, **barcode readers** and **label printers** can be installed



Customization 4.0

From the idea of the customer until its realization: a determining factor for the success of those who choose our custom-made solutions.

- ▶ Over the years we have shaped our design and production activities **to meet the diversity of industrial needs**.
- ▶ The Italian manufacturing sector has indeed complex requirements that cannot be resolved in a standard way. The whole sector is continuously requiring **structured solutions designed in each individual element**.
- ▶ It is a **highly qualified technological process** where our design and development empathize with the customer's production processes.
- ▶ Through this approach we guide our partners to choose **the most suitable solution for any critical environment**, which needs a product engineering development that **overcomes all technological limits**.



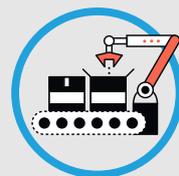
Customer procedures and requirements



Elaboration of technical specifications



Prototyping and accuracy verification



Production, assembly and testing



European and International certifications



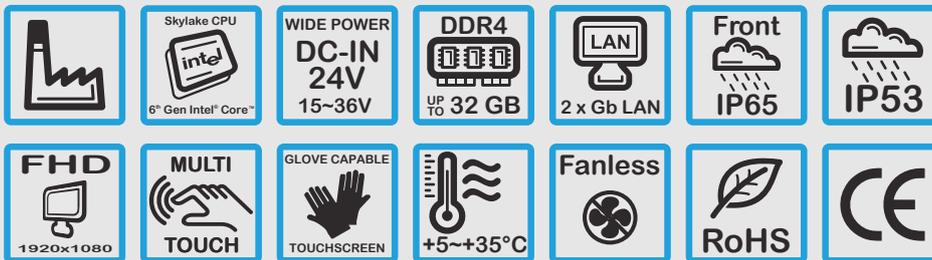
Supply continuity for 5/7/10 years



CUSTOM

Industrial console

The **industrial console** is a device designed for contexts in which an **advanced CNC** is required, to be installed on machines for the **processing of multiple types of materials**.



- ▶ **Supported processors**
Intel® Core™: **sixth (6th)** and **seventh (7th)** generation i3, i5, i7
- ▶ **Display**
Full HD high-brightness LCD with LED technology
- ▶ **Structure**
Glass screen for added strength
- ▶ **Touchscreen**
Capacitive, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side | IP53 for the case
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Button panel**
Fully **customizable** according to needs



CUSTOM

Industrial monitor with button panel

The **industrial monitor with button panel** is a console designed for automation and remote control, with **customizable function buttons**.



- ▶ **Display**
LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Capacitive multi-touch up to 10 contemporary touches, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for continuous use
- ▶ **Button panel**
Fully customizable according to needs



CUSTOM

Stainless steel industrial kiosk

The **industrial stand in stainless steel AISI 304 or 316** is a solution designed to guarantee **high levels of efficiency and protection** inside critical working environments.



- ▶ **Display**
LCD with LED technology
- ▶ **Touchscreen**
Resistive in the standard configuration, usable with gloves
- ▶ **Supported processors**
Intel®: seventh (7th) generation Kaby Lake
- ▶ **Structure**
Case and keyboard in stainless steel resistant to shocks, dust and liquids
- ▶ **Cooling system**
Forced ventilation with anti-dust filters
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Practicality of use**
Rear wheels for easy handling



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